Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	0.00	Rating **	Α	Issue No.		53		
LM End	0.00	Issue Type +	Ма	Location * N/A				
Category Earthen Levee			GPS La	atitud	de/Longitude			
				Start		End		
Item	Operations & Maintenance				0		0	
пеш	Manuals			0		0		
DWR ID	DWR_RD0	999_01_s _ 201	3_53					
		Comn	nent Coo	le				
			_				_	
		Inspect	or Comm	nent				
The LMA I	The LMA has copy of the O & M manual on file.							

No Photos

LM Start	0.00	Rating **	Α	Issue No.		54	
LM End	0.00	Issue Type +	Ma	Location *		N/A	
Category	Earthen Levee				atitud	e/Longitude	
Category				Start		End	
Item		cy Supplies &			0		0
пеш	Equipmer			0		0	
DWR ID	DWR_RD0	999_01_s _ 201	3_54				
		Comn	nent Cod	le			
Inspector Comment							
The LMA h	nas adequa	ate floodfight	supplies	and equipn	nent	on hand.	

No Photos

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	0.00	Rating **	Α	Issue No.		55	
LM End	0.00	Issue Type +	Ma	Location *	N/A		
Category	Catagony Earthen Levee			GPS La	atitud	le/Longitude	
Category	Category					End	
Item	Flood Preparedness & Training				0		0
пеш					0		0
DWR ID	DWR_RD0	999_01_s _ 201	3_55				
		Comn	nent Cod	le			
		Inspecto	or Comm	nent			
The LMA is	s prepared	l for respondir	ng to floo	ds and has	rec	eived training	J.

No Photos

LM Start	0.00	Rating **	М	Issue No.		32
LM End	13.86	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Vegetatio	n		38.5050	70°	38.312917°
item				-121.5820	33 °	-121.644955 °

DWR ID DWR_RD0999_01_s _ 2017_32 Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

LM Start	0.00	Rating **	М	Issue No.	32 (cont)
LM End	13.86	Issue Type +	Ma	Location *	LS

Photo 1 of 2: SP_2017_RD0999_232_32_20170516_00102.jpg



Landside vegetation looking north(Spring 2017)

Photo 2 of 2 : SP_2017_RD0999_232_32_20170516_00103.jpg



Landside vegetation looking south(Spring 2017)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	0.00	Rating **	M	Issue No.	34		
LM End	13.86	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory		Start		End			
Item	n	38.5050	70°	38.312917 °			
item	m -121.582033 ° -121.6						
DWR ID DWR_RD0999_01_s _ 2017_34							
		Comn	nent Cod	le			
V1 : Contreasements		grass and wee	ds on th	e levee slo	pes a	and	
		Inspecto	or Comm	nent			



Waterside vegetation looking west(Spring 2017)

LM Start	0.27	Rating **	М	Issue No.		3
LM End	0.27	Issue Type +	Ма	Location *		LS
Category Earthen Levee				GPS La	atitud	e/Longitude
Calegory			Start		End	
ltom	Vegetatio	n		38.5011	13°	38.501113°
-121.581975 ° -121.5						-121.581975 °
DWR ID DWR_RD0999_01_s _ 2012_3						
Comment Code						

V4 : Elderberries are blocking visibility and flood fight capability.

Inspector Comment

N.	o F	Рh.	∩t:	ne

LM Start 1.33 Rating ** C Issue No. 65 LM End 1.33 Issue Type + Ma Location * WS Category Earthen Levee GPS Latitude/Longitude Item Encroachments 38.485772 ° 38.485772 -121.581182 -121.581182 DWR ID DWR_RD0999_01_s _ 2016_65 Comment Code GA : Garbage Inspector Comment Garbage and prunings on waterward shoulder.								
LM End 1.33 Issue Type + Ma Location * WS Category Earthen Levee GPS Latitude/Longitude Item Encroachments 38.485772 ° 38.485772 ° -121.581182 ° -121.581182 ° -121.581182 ° Comment Code GA : Garbage Inspector Comment		4.00	Poting **	•	Janua Na		C.E.	
Category Earthen Levee GPS Latitude/Longitude Item Encroachments 38.485772 ° 38.485772 ° -121.581182 ° -121.581182 DWR ID DWR_RD0999_01_s _ 2016_65 Comment Code GA : Garbage Inspector Comment	LM Start	1.33	Raung	C	issue ivo.		65	
Category Start End Item Encroachments 38.485772 ° 38.485772 ° -121.581182 ° -121.581182 DWR ID DWR_RD0999_01_s _ 2016_65 Comment Code GA : Garbage Inspector Comment	LM End	1.33	Issue Type +	Ma	Location *		WS	
Start End 38.485772 ° 38.485772 ° 38.485772 -121.581182 -121.581182 DWR ID DWR_RD0999_01_s _ 2016_65 Comment Code GA : Garbage Inspector Comment	Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Tem	Category				Start		End	
-121.581182 o -121.581182 DWR ID DWR_RD0999_01_s _ 2016_65 Comment Code	Itom	Encroach	ments		38.4857	72°	38.485772	0
Comment Code GA : Garbage Inspector Comment	пеш				-121.5811	82 °	-121.581182	٥
GA : Garbage Inspector Comment	DWR ID	DWR_RD0	999_01_s _ 201	6_65				
Inspector Comment			Comn	nent Cod	le			
•	GA : Garb	age						
Garbage and prunings on waterward shoulder.			Inspecto	or Comm	nent			
	Garbage a	nd pruning	gs on waterwa	rd shoul	der.			

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	1.71	Rating **	М	Issue No.		37		
LM End	1.75	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Trim / Thi	n Trees		38.4803	° 80	38.479740 °		
пеш				-121.5808	76°	-121.580842 °		
DWR ID	DWR_RD0	999_01_f _ 201	6_37					
		Comn	nent Cod	le				
T1 : Trim t	rees to at	east five feet	above g	round level				
Inspector Comment								

No Photos

LM Start	1.73	Rating **	U	Issue No.		919
LM End	1.73	Issue Type +	Ma	Location *		LS
Category	Suppleme	ental		GPS La	tituc	le/Longitude
Calegory				Start		End
Item	DWR UC	IP LMA Respo	onsibility	38.48009	97°	38.480097 °
item				-121.5808	44 °	-121.580844 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:50092 DS ID:22743 EP_NO: N/A Repair Type: Urgent Crossing Status: Found

UCIP Comments: 07/07/2016 Condition largely unchanged from previous inspection. Pipe open on the WS, waterward of the siphon breaker. Dense vegetation and steep slope limited inspection of WS outlet into Ship Channel. (T. Hatch/UCIP)

06/25/2013 Pipe abandoned and open on WS slope. Pipe should be

abandoned properly. (W. Wylie/UCIP)

FIELD_STRUCT_DESC: *ABANDONED* 30-inch steel pipe through the levee, 6.5 feet below the crown. Pump on a platform in the canal off of the landside (LS) toe, not found. Flap gate on the waterside (WS), not found. Siphon breaker and an air vent on the WS shoulder. 1-inch galvanized iron filler pipe visible on the WS shoulder along same alignment. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966 (LM 1.73)]. FS Date: 7/7/2016



Pipe open on WS slope

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	1.73	Rating **	U	Issue No.		919 (cont)
LM End	1.73	Issue Type +	Ма	Location *		LS
Category	Supplemental				titud	e/Longitude
Calegory				Start		End
Item	DWR UCI	P LMA Respo	onsibility	38.48009)7°	38.480097
пеш				-121.58084	4 °	-121.580844
DWR ID						

Inspector Comment

Comment Code

FS_ID:50092 DS_ID:22743 EP_NO: N/A Repair Type: Urgent Crossing Status: Found

UCIP Comments: 07/07/2016 Condition largely unchanged from previous inspection. Pipe open on the WS, waterward of the siphon breaker. Dense vegetation and steep slope limited inspection of WS

outlet into Ship Channel. (T. Hatch/UCIP) 06/25/2013 Pipe abandoned and open on WS slope. Pipe should be

abandoned properly. (W. Wylie/UCIP)

FIELD_STRUCT_DESC: *ABANDONED* 30-inch steel pipe through the levee, 6.5 feet below the crown. Pump on a platform in the canal off of the landside (LS) toe, not found. Flap gate on the waterside (WS), not found. Siphon breaker and an air vent on the WS shoulder. 1-inch galvanized iron filler pipe visible on the WS shoulder along same alignment. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966 (LM 1.73)]. FS Date: 7/7/2016

LM Start	1.73	Rating **	U	Issue No.	919 (cont)
LM End	1.73	Issue Type +	Ma	Location *	LS



Pump platform visible off LS toe, but no appurtances remain.

Photo 3 of 3: UCIP_SP_2017_50092_25189.jpg



Pump platform visible off LS toe, but no appurtances remain.

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	1.73	Rating **	М	Issue No.		4		
LM End	1.75	Issue Type +	Ма	Location *		WS		
Category	Earthen L	evee		GPS L	atitud	e/Longitude		
Calegory				Start		End		
Item	Trim / Thi	n Trees		38.4800)82°	38.479788°		
item				-121.5809	930°	-121.580918°		
DWR ID	DWR_RD0	999_01_s _ 201	2_4					
		Comn	nent Cod	de				
T1 : Trim t	rees to at	least five feet	above g	round level				
		Inchact	or Comm	nont				
		mspecii	Ji Collill	ient				
	4 70	Doting **	B 4	Incura Nia	I .	4 / 1		

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Photo 1 of 2: SP_2017_RD0999_232_4_20170314_00011.jpg

Looking northwest at trimmed trees on waterward slope.

 LM Start
 1.73
 Rating **
 M
 Issue No.
 4 (cont)

 LM End
 1.75
 Issue Type +
 Ma
 Location *
 WS

Photo 2 of 2: SP_2017_RD0999_232_4_20170314_00012.jpg



Looking southwest at trimmed trees on waterward slope.

LM Start	1.73	Rating **	С	Issue No.		66			
LM End	1.73	Issue Type +	Ма	Location *		WS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Calegory				Start		End			
Item	Encroach	ments		38.4800	09°	38.480009°			
item				-121.5808	65 °	-121.580865 °			
DWR ID	DWR_RD0	999_01_s _ 201	6_66						
		Comn	nent Cod	le					
GA : Garba	age								
		Inspecto	or Comm	nent					
Garbage o	Garbage on waterward slope.								

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

	1									
LM Start	1.79	Rating **	U	Issue No.		30				
LM End	2.04	Issue Type +	Ma	Location *		LS				
Catagony	Earthen L	evee		GPS La	atitud	e/Longitude				
Category				Start		End				
Item	Trim / Thi	n Trees		38.4791	65 °	38.475463°				
пеш				-121.5806	40°	-121.580722°				
DWR ID	DWR ID DWR_RD0999_01_s _ 2012_30									
		Comn	nent Cod	de						
T1 : Trim t	rees to at	least five feet	above g	round level						
	Inspector Comment									

Ma

Issue No.

Location

Rating **

Issue Type +

LM Start

LM End

1.79

2.04

Photo 1 of 2: SP_2017_RD0999_232_30_20170314_00028.jpg

Looking southeast at dense trees on landward slope. (Fall 2016)

30 (cont)

LS

Photo 2 of 2: SP_2017_RD0999_232_30_20170314_00029.jpg



Looking southeast at dense trees on landward slope. (Spring 2016)

	0.40	Rating **		Issue No.			_		
LM Start	2.13	Rating	U	issue ivo.		7			
LM End	2.13	Issue Type +	Ma	Location *	WS				
Catagory Earthen Levee				GPS La	atitud	e/Longitude			
Calegory	Category					End			
Item	Trim / Thi	n Trees		38.4742	58°	38.474258	0		
пеш				-121.5805	28 °	-121.580528	0		
DWR ID DWR_RD0999_01_s _ 2012_7									
Comment Code									
T1 · Trim t	T1 : Trim trees to at least five feet above ground level								

Inspector Comment



Looking north at untrimmed trees on waterward slope. (Fall 2016)

*Location
LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

** Rating

A : Acceptable

M : Minimally Acceptable

U : Unacceptable

N : Not Inspected/Rated C : Corrected + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start 2.13 Rating ** U Issue No. 7 (cont) LM End 2.13 Issue Type + Ma Location * WS Category Earthen Levee GPS Latitude/Longitude Start End Trim / Thin Trees 38.474258 ° 38.474258 ° -121.580528 ° -121.580528 ° DWR ID DWR_RD0999_01_s _ 2012_7 Comment Code T1 : Trim trees to at least five feet above ground level. Inspector Comment									
LM End 2.13 Issue Type + Ma Location * WS Category Earthen Levee GPS Latitude/Longitude Start End Start End 38.474258 ° 38.474258 ° -121.580528 ° -121.580528 ° DWR ID DWR_RD0999_01_s _ 2012_7 Comment Code T : Trim trees to at least five feet above ground level.			II.						
Category Earthen Levee GPS Latitude/Longitude Start End 1tem Trim / Thin Trees 38.474258 ° 38.474258 ° -121.580528 ° -121.580528 ° DWR ID DWR_RD0999_01_s _ 2012_7 Comment Code T1 : Trim trees to at least five feet above ground level. This is a state of the color of	LM Start	2.13	Rating **	U	Issue No.		7 (cont)		
Start End 38.474258 38.474258 38.474258 Comment Code Start End Start Start	LM End	2.13	Issue Type +	Ma	Location *		WS		
Start End 38.474258 ° 38.474258 ° 38.474258 ° -121.580528 ° DWR ID DWR_RD0999_01_s _ 2012_7 Comment Code T : Trim trees to at least five feet above ground level.	Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Trim trees to at least five feet above ground level.	Calegory				Start		End		
DWR ID DWR_RD0999_01_s _ 2012_7 Comment Code T1 : Trim trees to at least five feet above ground level.	Trim / Thin Trees				38.4742	58°	38.474258 °		
Comment Code T1 : Trim trees to at least five feet above ground level.	item				-121.5805	28°	-121.580528 °		
T1 : Trim trees to at least five feet above ground level.	DWR ID	DWR_RD0	999_01_s _ 201	2_7					
<u> </u>			Comn	nent Cod	de				
Inspector Comment	T1 : Trim t	rees to at	least five feet	above g	round level				
Inspector Comment									
	Inspector Comment								



Looking south at untrimmed trees on waterward slope. (Spring 2016)

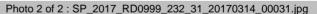
LM Start	2.13	Rating **	U	Issue No.		31		
LM End	2.13	Issue Type +	Ма	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	n Trees		38.4742	° 00	38.474200°			
пеш				-121.5804	80°	-121.580480 °		
DWR ID	DWR_RD0	999_01_s _ 201	2_31					
		Comn	nent Cod	de				
T1 : Trim t	rees to at	least five feet	above g	round level.				
			_					
		Inspecto	or Comm	nent				



Looking north at untrimmed trees on landward slope. (Fall 2016)

 LM Start
 2.13
 Rating **
 U
 Issue No.
 31 (cont)

 LM End
 2.13
 Issue Type +
 Ma
 Location *
 LS





Looking southeast at untrimmed trees on landward slope. (Spring 2016)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	2.18	Rating **	М	Issue No.		8			
LM End	2.19	Issue Type +	Ма	Location *		WS			
Category	Earthen L		GPS La	atitud	e/Longitude				
Calegory			Start		End				
Item	Trim / Thin Trees			38.4735	42 °	38.473417°			
пеш			-121.580793 °		-121.580885 °				
DWR ID DWR_RD0999_01_s _ 2012_8									
Comment Code									

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment



Looking southwest at trimmed tress on waterside slope. (Spring 2012)

LM Start	2.51	Rating **	М	Issue No.		40
LM End	2.51	Issue Type +	Ma	Location *	LS	
Category Earthen Levee				GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Encroach	ments		38.4690	48 °	38.469048 °
item				-121.5830	75 °	-121.583075 °
DWR ID DWR_RD0999_01_s _ 2012_40						

Comment Code

MA: Material

Inspector Comment

Excavation activity on landside shoulder. Hole is approximately 15ft x 12" x 15". Hole appears to be excavated by a backhoe.

LM Start	2.51	Rating **	М	Issue No.	40 (cont)
LM End	2.51	Issue Type +	Ma	Location *	LS

Photo 1 of 4 : SP_2017_RD0999_232_40_20170314_00037.jpg



Looking south at trench along landward shoulder. (spring 2016)

Photo 2 of 4 : SP_2017_RD0999_232_40_20170314_00038.jpg



Looking south at excavation on landside shoulder.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	2.51	Rating **	М	Issue No.		40 (cont)
LM End	2.51	Issue Type + Ma Location *		Location *		LS
Category	evee	GPS Latitude/Longitude				
Calegory				Start		End
Item	Encroachments			38.46904	8°	38.469048 °
item			-121.58307	'5 °	-121.583075 °	
DWR ID DWR_RD0999_01_s _ 2012_40						

Comment Code

MA: Material

Inspector Comment

Excavation activity on landside shoulder. Hole is approximately 15ft x 12" x 15". Hole appears to be excavated by a backhoe.

LM Start	2.51	Rating **	М	Issue No.	40 (cont)
LM End	2.51	Issue Type +	Ма	Location *	LS



Looking south at close-up view of excavation on landside shoulder.

Photo 4 of 4: SP_2017_RD0999_232_40_20170314_00040.jpg



Looking north at excavation on landside shoulder.

LM Start	2.53	Rating **	М	Issue No.	46		
LM End	4.98	Issue Type +	Ма	Location *	CR		
Category Earthen Levee				GPS La	titud	le/Longitude	
Calegory	legory			Start		End	
Item		rface / Depres	ssions /	38.46880)1 °	38.435378 °	
item	Rutting			-121.58318	39°	-121.598664 °	
DWR ID	DWR_RD0	999_01_f _ 201	3_46				
Comment Code							
C2 : Repai	r depressi	ons or ruts in	the crow	n or slope.			

Inspector Comment

Control growth on levee crown and repair ruts on levee crown. And add appropriate gravel or road base.

Photo 1 of 1: SP_2017_RD0999_232_46_20170314_00047.jpg



Looking south at growth on levee crown.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	3.22	Rating **	М	Issue No.	51			
LM End	3.22	Issue Type +	Ма	Location *	LS			
Cotogon Earthen Levee				GPS Latitude/Longitude				
Calegory	Category			Start		End		
Item	Slope Sta	bility		38.4593	99°	38.459399	0	
пеш				-121.5875	23 °	-121.587523	0	
DWR ID DWR_RD0999_01_s _ 2013_51								
	Comment Code							

S1: Repair slope instability.

Inspector Comment

Depression on landward shoulder and slope 40' x 20'. Earthen material appears to be sliding toward levee toe.

LM Start	3.22	Rating **	М	Issue No.	51 (cont)
LM End	3.22	Issue Type +	Ma	Location *	LS



Looking northeast at depression on landward slope. (Fall 2016)

Photo 2 of 2: SP_2017_RD0999_232_51_20170314_00059.jpg



Looking north at depression on landside shoulder and slope. (Spring 2016)

LM Start	4.07	Rating **	A/W	Issue No.		11	
LM End	4.07	Issue Type +	Ma	Location *		WS	
Category	Earthen L	.evee		GPS L	atitud	le/Longitude	
Category				Start		End	
Item	Trim / Thi	n Trees		38.4477	72°	38.447772 °	
пеш				-121.592912 °		° -121.592912 °	
DWR ID	DWR_RD0	999_01_s _ 201	2_11				
		Comn	nent Cod	de			
T1: Trim t	rees to at	least five feet	above g	round level			
		Inspecto	or Comm	nent			

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	4.16	Rating **	N	Issue No.		14		
LM End	4.16	Issue Type +	Ma	Location *		WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory			Start		End			
Item	Trim / Thi	n Trees		38.4466	19°	38.446619°		
пеш				-121.593442 °		-121.593442°		
DWR ID DWR_RD0999_01_s _ 2012_14								
		Comn	nent Cod	de				
T5 : Tree s	stumps.							
		Inspecto	or Comm	nent				

No Photos

LM Start	4.17	Rating **	N	Issue No.		15	_
LM End	4.17	Issue Type +	Ма	Location *	WS		
Category	Earthen Levee			GPS L	atitud	le/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.4464	78°	38.446478	0
item				-121.593508 °		-121.593508	0
DWR ID	DWR_RD0	999_01_s _ 201	2_15				
		Comn	nent Cod	de			
T5 : Tree s	stumps.						
		Inspecto	or Comm	nent			

No Photos

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	4.31	Rating **	М	Issue No.	35		
LM End	4.31	Issue Type +	Ma	Location *	LS		
	Earthen L	evee		GPS La	atitud	le/Longitude	
Category			Start		End		
Item Slope Stability			38.4445	61°	38.444561 °		
			-121.594438 °		-121.594438 °		
DWR ID DWR_RD0999_01_f _ 2012_35							
		Comn	nent Cod	de			
S3 : Repai access wh		slope damag le.	ed by ve	ehicle traffic	and	d prevent	
		Inspecto	or Comm	nent			
Depression is caused by vehicle traffic.							

LM Start	4.31	Rating **	М	Issue No.	35 (cont)	

Ma

Location *

LS

Issue Type +

LM End



Looking southeast at slope damage cause by vehicle traffice on landward slope. (Fall 2016

Photo 2 of 2: SP_2017_RD0999_232_35_20170314_00033.jpg



Looking southeast at slope damage cause by vehicle traffic on landward slope. (Spring 2015)

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

11101	4.31	Rating **	М	Issue No.		27	
LM Start	4.31	Rating	IVI	issue ivo.		21	
LM End	4.31	Issue Type +	Ma	Location * WS			
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item Slope Stability			38.444560 °		38.444560 °		
			-121.5944	40°	-121.594440 °		
DWR ID	DWR ID DWR_RD0999_01_f _ 2012_27						
		Comn	nent Cod	le			
S3 : Repai access wh		slope damag le.	ed by ve	ehicle traffic	and	d prevent	
		Inspecto	or Comm	nent			
Local farmer causing slope damage by driving equipment and trucks on slope.							

25 June	MAN TO	V			
	Service Co.				
		The second	Tout House		
Total Control	With the				-
			Care Sir I	September 1	
			100		Park Story
4. 金额		The state of	A COTTLE - NO.		

Photo 1 of 2: SP_2017_RD0999_232_27_20170314_00024.jpg

Looking at slope damage cause by vehicle traffice on waterward slope. (Fall 2016)

LM Start 4.31 Rating ** M Issue No. 27 (cont) LM End 4.31 Issue Type + Ma Location * WS

Photo 2 of 2: SP_2017_RD0999_232_27_20170314_00025.jpg



Looking at slope damage cause by vehicle traffice on waterward slope. (Spring 2015)

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	4.57	Rating **	N	Issue No.		16	
LM End	4.57	Issue Type +	Ma	Location *	WS		
Category	Earthen Levee			GPS L	atitud	e/Longitude	
Calegory		Start		End			
Item Trim / Thin Trees			38.4410	63°	38.441063 °		
			-121.596038°		-121.596038 °		
DWR ID	DWR ID DWR_RD0999_01_s _ 2012_16						
		Comn	nent Cod	de			
T5 : Tree s	stumps.						
		Inspecto	or Comm	nent			

No Photos

LM Start	4.59	Rating **	N	Issue No.		17	
LM End	4.59	Issue Type +	Ма	Location *	WS		
Category	Earthen L	GPS La	atitud	le/Longitude			
Category		Start		End			
Item	Trim / Thi	m / Thin Trees			'48 °	38.440748	0
			-121.596187 °		-121.596187	0	
DWR ID	DWR_RD0	999_01_s _ 201	2_17				
		Comn	nent Cod	le			
T5 : Tree s	T5 : Tree stumps.						
	Inspector Comment						

No Photos

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	4.83	Rating **	М	Issue No.	5		
LM End	4.85	Issue Type +	Ma	Location *			
Category	Suppleme	ental	GPS La	atitud	e/Longitude		
Calegory				Start		End	
Item	2015 USACE Erosion Survey,			38.437506°		38.437296	0
пеш	DRAFT	-121.597707 °		-121.597803	0		
DWR ID	DWR_RD0	999_01_s _ 201	6_5				
		Comn	nent Cod	de			
		Inchacte	or Comm	ont			

Inspector Comment

2006 - Slump failure of lower slope. Longitudinal cracks present along the levee slope. 2011 - Difficult to see due to overgrown vegetation. A small section of the levee has slumped. Sties DWS 5.0 and DWS 5.01 were combined. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: DWS_5-0_L]

Issue No.

59

LM End	5.20	Issue Type +	Ma	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Category				Start		End	
Item	Erosion /	Bank Caving		38.4325	38.432434 °		
пеш				-121.600031 ° -121.600		-121.600085 °	
DWR ID DWR_RD0999_01_s _ 2017_59							
Comment Code							
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spe	ction.	
		Inspecto	or Comm	nent			
Appears to	he a rota	tional slip on L	andside				

Rating **

LM Start

5.19

Photo 1 of 1: SP_2017_RD0999_232_59_20170516_00106.jpg

No Photos



View of rotation slip looking south (Spring 2017)

U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	6.45	Rating **	С	Issue No.		52		
LM End	6.45	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee		GPS L	atitud	e/Longitude		
Calegory				Start		End	nd	
Item	Encroachments			38.4154	° 804	38.415408	0	
пеш				-121.608002 ° -12		-121.608002 °		
DWR ID	DWR_RD0	999_01_s _ 201	3_52					
		Comn	nent Cod	le				
TR : Tree	or limb							
		Inspecto	or Comm	nent				
Downed tre	ee limbs o	n landside slo	pe.					

No Photos

LM Start	6.56	Rating **	М	Issue No.	42		
LM End	6.56	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory					Start En		
Item	Animal Co	ontrol		38.4138	58°	38.413858	0
item				-121.6086	38°	-121.608638	0
DWR ID DWR_RD0999_01_s _ 2012_42							
Comment Code							

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

More than five holes within 25' of levee.

LM Start	6.56	Rating **	М	Issue No.	42 (cont)
LM End	6.56	Issue Type +	Ma	Location *	LS

Photo 1 of 2: SP_2017_RD0999_232_42_20170314_00043.jpg



Looking east at rodent holes on landside slope.

Photo 2 of 2: SP_2017_RD0999_232_42_20170314_00044.jpg



Looking at typical rodent hole on landside slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	6.56	Rating **	М	Issue No.		41	
LM End	6.59	Issue Type +	Ма	Location *	* LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroach	ments		38.4138	56°	38.413475°	
пеш				-121.6086	-121.608817 °		
DWR ID DWR_RD0999_01_s _ 2016_41							
	Comment Code						
PR : Pruni	ngs						
		Inspecto	or Comm	nent			
Pruning pil	es on land	lward toe.					

LM Start	6.56	Rating **	М	Issue No.	41 (cont)

LM End

Location *

LS



Looking east at prunings at landward toe and berm. (Fall 2016)

Photo 2 of 2: SP_2017_RD0999_232_41_20170314_00042.jpg



Looking east at prunings on landward toe and berm. (Spring 2016)

LM Start	6.77	Rating **	М	Issue No.		22
LM End	9.67	Issue Type +	Ма	Location *	CR	
Category	Earthen L	evee	GPS Latitude/Longitude			
Calegory				Start End		
Item	Crown Surface / Depressions /			38.4110	31 °	38.371621 °
пеш	Rutting			-121.6099	60 °	-121.628232 °
DWR ID DWR_RD0999_01_s _ 2012_22						
		Comn	nent Cod	le		
C3 : Add a	ppropriate	gravel or road	d base.	Grade and	com	pact.
		Inspecto	or Comm	ent		
Also contr	ol growth c	n levee crowr	٦.			



Looking south at levee crown. (Spring 2016)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	6.77	Rating **	М	Issue No.	22 (cont)		
LM End	9.67	Issue Type +	Ma	Location *	CR		
Category Earthen Levee			GPS La	atitud	e/Longitude		
Calegory			Start		End		
Item	Crown Surface / Depressions /			38.4110	31°	38.371621 °	
Rutting			-121.609960 °		-121.628232 °		
DWR ID	DWR ID DWR_RD0999_01_s _ 2012_22						
		Comn	nent Cod	le			
C3 : Add a	appropriate	gravel or roa	d base.	Grade and	com	pact.	
			_				
		Inspecto	or Comm	nent			
Also control growth on levee crown.							

Photo 2 of 2 : SP_2017_RD0999_232_22_20170314_00020.jpg
The second secon
and the same of th
CALL FREE PER CONTROL OF THE PER

Looking south at levee crown. (Spring 2015)

LM Start	7.61	Rating **	U	Issue No.		58
LM End	7.61	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Erosion / Bank Caving				38.399600°		38.399600°
item				-121.615224 °		-121.615224°
DWR ID DWR_RD0999_01_f _ 2016_58						
Comment Code						
		Inspecto	or Comm	nent		
Depression 10' by 20' on landward slope.						

LM Start	7.61	Rating **	U	Issue No.	58 (cont)
LM End	7.61	Issue Type +	Ma	Location *	LS



Photo 2 of 2: SP_2017_RD0999_232_58_20170314_00063.jpg



Looking northeast at depression on landward slope.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	9.34	Rating **	М	Issue No.		69	
LM End	9.34	Issue Type +	Ma	Location *		CR	
Category Earthen Levee			GPS La	atitud	le/Longitude		
			Start		End		
Item	Animal Control			38.3760	94°	38.376094°	
пеш				-121.626178°		-121.626178 °	
DWR ID DWR_RD0999_01_s _ 2016_69							
	Comment Code						
A1 : Extern	minate rod	ents and back	fill and c	compact or	grou	t burrows.	
		Inspect	or Comm	nent			
Rodent ho	Rodent holes noted on levee crown, shoulder and landward slope						
Comment Code A1 : Exterminate rodents and backfill and compact or grout burrows. Inspector Comment							

		14 13	
X LONG TO	A North		
	- 30		
	N. T. W.		
	4 4 4 7 4		
A Table 2	17	. 1	6 - 4
	TO THE WAY		
12.77 Be 15.25	The second of		

Photo 1 of 3: SP_2017_RD0999_232_69_20170314_00074.jpg

Looking at typical rodent hole on landward slope. (Fall 2016)

 LM Start
 9.34
 Rating **
 M
 Issue No.
 69 (cont)

 LM End
 9.34
 Issue Type +
 Ma
 Location *
 CR

Photo 2 of 3: SP_2017_RD0999_232_69_20170314_00075.jpg



Looking at typical rodent hole on landward shoulder. (Fall 2016)

LM Start	9.34	Rating **	М	Issue No.	69 (cont)
LM End	9.34	Issue Type +	Ma	Location *	CR



Looking at typical rodent hole on levee crown and slope. (Spring 2016)

*Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M : Maintenance Deficiancy

C : Corrected CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

		II.				
LM Start	9.51	Rating **	М	Issue No.		47
LM End	9.51	Issue Type +	Ma	Location *	WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory			Start		End	
Item	Encroachments			38.373740°		38.373740°
item				-121.627257 °		-121.627257 °
DWR ID DWR_RD0999_01_f _ 2015_47						
Comment Code						
PI: Pipe						
Inspector Comment						
Abandonded pipes at waterward toe.						

	Selle La Constitution of the Constitution of t	Carry Street		
- Mar L	11-		1	
A. T.			1	
	mar			

Photo 1 of 1: SP_2017_RD0999_232_47_20170314_00048.jpg

Looking southwest at abandoned irrigation pipes at waterward toe.

LM Start	9.95	Rating **	U	Issue No.		2	
LM End	9.95	Issue Type +	Ма	Location *		LS	
Category	Category Earthen Levee			GPS Latitude/Longitude			
Category				Start		End	
Animal Control			38.3677	'50 °	38.367750 °		
ПСП				-121.630025 °		-121.630025 °	
DWR ID DWR_RD0999_01_s _ 2012_2							
	Comment Code						
A1 : Exterminate rodents and backfill and compact or grout burrows.							
		Inspecto	or Comm	nent			
Several lar	Several large rodent holes on landward shoulder.						

LM Start	9.95	Rating **	U	Issue No.	2 (cont)
LM End	9.95	Issue Type +	Ma	Location *	LS



Looking southeast at large rodent hole on landward shoulder. (Spring 2016)

Photo 2 of 5 : SP_2017_RD0999_232_2_20170314_00007.jpg



Looking aoutheast at rodent holes on landward shoulder fall 2015.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

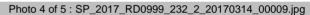
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	9.95	Rating **	U	Issue No.		2 (cont)	
LM End	9.95	Issue Type +	Ma	Location *	LS		
Category Earthen Levee			GPS La	atitud	le/Longitude		
				Start		End	
Animal Control				38.3677	50°	38.367750°	
item	item					-121.630025 °	
DWR ID DWR_RD0999_01_s _ 2012_2							
		Comm	nent Cod	le			
A1 : Exterminate rodents and backfill and compact or grout burrows.							
		Inspecto	or Comm	nent			
Several large rodent holes on landward shoulder.							

Photo 3 of 5 : SP_2017_RD0999_232_2_20170314_00008.jpg
SALVER WAS ARREST OF THE RESIDENCE
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(1) 12 - 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

Looking northeast at rodent holes on landward shoulder fall 2015.

LM Start 9.95 Rating ** U Issue No. 2 (cont) LM End 9.95 Issue Type + Ma Location * LS





Looking at typical rodent holes on landward shoulder. (Spring 2015)

LM Start	9.95	Rating **	U	Issue No.	2 (cont)
LM End	9.95	Issue Type +	Ma	Location *	LS



Looking south at rodent hole on landside shoulder. (Fall 2014)

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	10.21	Rating **	M	Issue No.		70	
LM End	10.21	Issue Type +	Ma	Location *	CR		
Category Earthen Levee				GPS L	atitud	e/Longitude	
Calegory				Start		End	
Repair Gates				38.364229°		38.364229 °	
пеш		-121.631673 °		-121.631673 °			
DWR ID DWR_RD0999_01_s _ 2016_70							
Comment Code							
		Inspecto	or Comm	nent			
Gate drags diffcult to open and close. Gate pole leaning.							



 LM Start
 10.21
 Rating **
 M
 Issue No.
 70 (cont)

 LM End
 10.21
 Issue Type +
 Ma
 Location *
 CR

Photo 2 of 4: SP_2017_RD0999_232_70_20170314_00078.jpg



Looking south at fence pole.

LM Start	10.21	Rating **	М	Issue No.	70 (cont)
LM End	10.21	Issue Type +	Ma	Location *	CR

Photo 3 of 4 : SP_2017_RD0999_232_70_20170314_00079.jpg



N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	10.21	Rating **	М	Issue No.		70 (cont)		
LM End	10.21	Issue Type +	Ma	Location *		CR		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Repair Ga	ites		38.3642	29°	38.364229 °		
пеш				-121.631673 °		-121.631673 °		
DWR ID	DWR_RD0	999_01_s _ 201	6_70					
		Comn	nent Cod	le				
	Inspector Comment							
Gate drags diffcult to open and close. Gate pole leaning.								



Gate was difficult to open (Spring 2017)

LM Start	10.21	Rating **	М	Issue No.		72	
LM End	10.82	Issue Type +	Ma	Location *	CR		
Category Earthen Levee				GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.3642	29°	38.355939 °	
iteiii				-121.6316	73 °	-121.635524°	
DWR ID	DWR_RD0999_01_s _ 2017_72						
Comment Code							

V1 : Control annual grass and weeds on the levee slopes and

easements.

Inspector Comment

No Photos

LM Start	10.75	Rating **	М	Issue No.		61	
LM End	10.75	Issue Type +	Ма	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Encroach	ments		38.3568	44 °	38.356844°	
пеш				-121.635101 °		-121.635101 °	
DWR ID	DWR_RD0	999_01_f _ 201	4_61				
		Comn	nent Cod	le			
TR : Tree	or limb						
Inspector Comment							
Downed tree on waterward slope							



Looking southwest at downed tree on waterward slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	10.75	Rating **	М	Issue No.	61 (cont)		
LM End	10.75	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Encroach	ments		38.3568	44°	38.356844°	
item				-121.6351	01 °	-121.635101 °	
DWR ID	DWR ID DWR_RD0999_01_f _ 2014_61						
		Comn	nent Cod	de			
TR : Tree	or limb						
		Inspecto	or Comm	nent			
Downed tr	ee on wate	erward slope					
•							



Looking northwest at downed tree on waterside slope (Spring 2017)

LM Start	10.81	Rating **	М	Issue No.		23
LM End	11.06	Issue Type +	Ma	Location *		WS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Trim / Thi	n Trees		38.3560	77°	38.352640 °
пеш				-121.635598 °		-121.637078 °
DWR ID DWR_RD0999_01_s _ 2012_23						
		Comn	nent Cod	de		
T1 : Trim t	rees to at	least five feet	above g	round level.		
		Inspecto	or Comm	nent		



Looking south at trimmed pine trees on waterside shoulder and slope. (Spring 2012)

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	10.81	Rating **	М	Issue No.	23 (cont)		
LM End	11.06	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.3560)77°	38.352640 °	
пеш				-121.635598 °		° -121.637078 °	
DWR ID	NR ID DWR_RD0999_01_s _ 2012_23						
		Comn	nent Cod	le			
T1 : Trim t	rees to at	least five feet	above g	round level			
		Inspecto	or Comm	nent			



Pine trees along waterside shoulder & slope. (Site of a old christmas tree farm). (Spring 2011)

-						
LM Start	11.28	Rating **	М	Issue No.	73	
LM End	11.59	Issue Type +	Ma	Location *	CR	
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Vegetatio	n		38.3496	16°	38.345448 °
item			-121.638435 °		-121.640394°	
DWR ID	DWR_RD0	999_01_s _ 201	7_73			
		Comn	nent Cod	le		
V1 : Contro easements		grass and wee	ds on th	e levee slop	oes a	and
	Inspector Comment					

No Photos

N: Not Inspected/Rated C : Corrected

+ Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

	44.00	Rating **		Issue No.		40	
LM Start	11.30	Rating	М	issue ivo.		43	
LM End	11.66	Issue Type +	Ma	Location *		CR	
Category	Earthen L	evee		GPS L	atitud	e/Longitude	
Category				Start		End	
Item		rface / Depres	ssions /	38.3493	80°	38.344455 °	
пеш	Rutting			-121.638540 °		-121.640845 °	
DWR ID	DWR_RD0	999_01_s _ 201	2_43				
		Comn	nent Cod	le			
C3 : Add a	appropriate	gravel or roa	d base.	Grade and	com	pact.	
		Inspecto	or Comm	nent			



Looking north at growth on levee crown.

LM Start	11.63	Rating **	U	Issue No.		36	
LM End	12.04	Issue Type +	Ма	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
				Start		End	
Item	Vegetation			38.3448	15 °	38.339193 °	
iteiii					97°	-121.643017 °	
DWR ID DWR_RD0999_01_s _ 2017_36							

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Dense weeds at landward toe.

Photo 1 of 1: SP_2017_RD0999_232_36_20170516_00113.jpg



Dense vegetation at landside levee toe.

LM Start	11.84	Rating **	М	Issue No.		48
LM End	11.84	Issue Type +	Ма	Location *		WS
Category	GPS Latitude/Longitude					
Category	Category					End
ltom	Item Slope Stability			38.34206	3°	38.342068
пеш				-121.64194	4°	-121.641944
DWR ID DWR_RD0999_01_f _ 2012_48						

Comment Code

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Slope damage caused by vehicle traffic.

Photo 1 of 2 : SP_2017_RD0999_232_48_20170314_00049.jpg



Looking southwest at slope damage caused by vehicle traffic. 2013

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	11.84	Rating **	М	Issue No.	48 (cont)			
LM End	11.84	Issue Type +	Ma	Location *		WS		
Earthen Levee				GPS La	atituc	le/Longitude		
Category				Start		End		
Item	Slope Stability			38.3420	68°	38.342068 °		
пеш			-121.641944°		14° -121.641944°			
DWR ID DWR_RD0999_01_f _ 2012_48								
Comment Code								
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.								
		Inspecto	or Comm	nent				
Slope dam	Slope damage caused by vehicle traffic.							

Photo 2 of 2 : SP_2017_RD0999_232_48_20170314_00050.jpg

Looking southwest at slope damage caused by vehicle traffic on waterside slope.

LM Start	12.07	Rating **	С	Issue No.		19	
LM End	12.61	Issue Type +	Ма	Location *	CR		
Category Earthen Levee			GPS La	atitud	le/Longitude		
Category				Start		End	
Item		rface / Depres	ssions /	38.3387	53°	38.331138 °	
item	Rutting			-121.643157°		-121.644781 °	
DWR ID DWR_RD0999_01_f _ 2014_19							
	Comment Code						
C2 : Repai	r depressi	ons or ruts in	the crow	n or slope.			
			_				
Inspector Comment							

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	12.53	Rating **	С	Issue No.		21		
LM End	12.60	Issue Type +	Ma	Location *	on * CR			
Catagony	Earthen L	evee		GPS L	atitud	le/Longitude		
Category				Start		End	End	
Item	Crown Su	38.3322	288°	38.331247 °	0			
пеш	Rutting				640°	° -121.644765 °		
DWR ID	DWR ID DWR_RD0999_01_s _ 2012_21							
		Comn	nent Cod	le				
C3 : Add appropriate gravel or road base. Grade and compact.								
Inspector Comment								
Ruts have been fixed, but need to add appropriate gravel or road base.								

No Photos

LM Start	12.93	Rating **	С	Issue No.		24	
LM End	13.55	Issue Type +	Ma	Location *		CR	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	Calegory			Start		End	
Item	Crown Su	ssions /	38.32643	33°	38.317400°		
пеш	Rutting			-121.6449	60°	-121.644920 °	
DWR ID	DWR_RD0	999_01_s _ 201	2_24				

Comment Code

C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.

Inspector Comment

No	Photos

LM Start	13.75	Rating **	С	Issue No.		68	
LM End	15.18	Issue Type +	Ma	Location *		CR	
Category Earthen Levee				GPS La	titud	e/Longitude	
Calegory		Start		End			
Item	Crown Surface / Depressions / Rutting			38.31457	'5	38.293858	0
пеш				-121.64495	5 °	-121.644956	0
DWR ID DWR_RD0999_01_s _ 2016_68							
Comment Code							

Comment Code

C2 : Repair depressions or ruts in the crown or slope.

Inspector Comment

Repair rutting and add appropriate gravel or road base. And control vegetation on levee crown.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

-								
LM Start	14.04	Rating **	М	Issue No.		49		
LM End	14.04	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Calegory				Start		End		
Item	Erosion /		38.3103	47°	38.310347°			
пеш				-121.644955 °		-121.644955 °		
DWR ID	DWR ID DWR_RD0999_01_f _ 2012_49							
		Comn	nent Cod	de				
E1 : Note a	and monito	or erosion site	-					
		Inspecto	or Comm	nent				
Caving, 4'	x 10', on la	andside slope.						

Photo 1 of 4 : SP_2017_RD0999_232_49_20170314_00051.jpg	
TO A NATIONAL PROPERTY OF THE PARTY OF THE P	

Looking southeast at caving on landward slope fall 2015.

 LM Start
 14.04
 Rating **
 M
 Issue No.
 49 (cont)

 LM End
 14.04
 Issue Type +
 Ma
 Location *
 LS

Photo 2 of 4: SP_2017_RD0999_232_49_20170314_00052.jpg



Looking east at caving on landward shoulder and slope. (Spring 2015)

Photo 3 of 4: SP_2017_RD0999_232_49_20170314_00053.jpg

LM Start	14.04	Rating **	М	Issue No.	49 (cont)
LM End	14.04	Issue Type +	Ma	Location *	LS



Looking east caving on landside slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	14.04	Rating **	М	Issue No.	49 (cont)			
LM End	14.04	Issue Type +	Ma	Location *		LS		
Earthen Levee				GPS La	atituc	le/Longitude		
Category				Start		End		
Item	Erosion / Bank Caving				47°	38.310347°		
пеш				-121.644955 °		-121.644955 °		
DWR ID	DWR ID DWR_RD0999_01_f _ 2012_49							
		Comn	nent Cod	le				
E1 : Note a	and monito	or erosion site						
		Inspecto	or Comm	nent				
Caving, 4'	x 10', on la	andside slope						



Looking southeast at caving on landside slope.

LM Start	15.24	Rating **	A/W	Issue No.		925			
LM End	15.24	Issue Type +	Ма	Location *		Location *		LS	
Category Supplemental				GPS Latitude/Longitude					
Calegory				Start		End			
Item	DWR UCI	P LMA Respo	nsibility	38.293005 °		38.293005	٥		
пеш				-121.644974 °		° -121.644974			
DWR ID									

Comment Code

Inspector Comment

FS_ID:15366 DS_ID:22757 EP_NO: 14199

Repair Type: No Action Needed

Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 24-inch steel discharge pipe through the levee 6.3 feet below the crown. Pumphouse on LS toe with a siphon breaker

in a steel riser on WS shoulder (Permit No. 14199, 1985).

FS Date: 6/25/2013

Photo 1 of 3: UCIP_SP_2017_15366_25231.jpg



Pump in pumphouse on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	15.24	Rating **	A/W	Issue No.	925 (cont)				
LM End	15.24	Issue Type +	Ma	Location *	LS				
Category	Supplemental				GPS Latitude/Longitude				
Calegory				Start		End			
Item	DWR UC	IP LMA Respo	onsibility	38.293005°		38.293005 °			
пеш			-121.644974 °		-121.644974°				
DWR ID									
	Comment Code								

Inspector Comment

FS_ID:15366 DS_ID:22757 EP_NO: 14199

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 24-inch steel discharge pipe through the levee 6.3 feet below the crown. Pumphouse on LS toe with a siphon breaker in a steel riser on WS shoulder (Permit No. 14199, 1985).

FS Date: 6/25/2013

LM Start	15.24	Rating **	A/W	Issue No.	925 (cont)
LM End	15.24	Issue Type +	Ma	Location *	LS



siphon breaker in steel riser on WS shoulder

Photo 3 of 3: UCIP_SP_2017_15366_25229.jpg



Closeup of 24-inch pipe on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	15.24	Rating **	A/W	Issue No.	926		
LM End	15.24	Issue Type +	Ма	Location *	LS		
Category				GPS Latitude/Longitude			
Calegory					End		
Item	DWR UC	IP LMA Respo	nsibility	38.2929	73 °	38.292973 °	
пеш				-121.6449	77 °	-121.644977 °	
DWR ID	OWR ID						
Comment Code							

Inspector Comment

FS_ID:15365 DS_ID:22756 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 30-inch pipe through the levee 7.0 feet below the crown. Flap gate on waterward end. Pump in pump house on landward toe. Siphon breaker in CMP riser on WS shoulder. Originally included in the 1966 O&M manual.

FS Date: 6/25/2013

LM Start	15.24	Rating **	A/W	Issue No.	926 (cont)
LM End	15.24	Issue Type +	Ma	Location *	LS



Pumphouse on LS toe.

Photo 2 of 3: UCIP_SP_2017_15365_25226.jpg



Siphon breaker in CMP riser on WS shoulder.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	15.24	Rating **	A/W	Issue No.	926 (cont)		
LM End	15.24	Issue Type +	Ма	Location *	LS		
Supplemental				GPS Latitude/Longitude			
Calegory	Start				End		
Item	DWR UC	IP LMA Respo	nsibility	38.29297	'3	38.292973 °	
пеш					7°	-121.644977 °	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:15365 DS_ID:22756 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 30-inch pipe through the levee 7.0 feet below the crown. Flap gate on waterward end. Pump in pump house on landward toe. Siphon breaker in CMP riser on WS shoulder. Originally included in the 1966 O&M manual.

FS Date: 6/25/2013



Closeup of pipe at pumphouse on LS toe.

Rating ** Issue No. LM Start 15.24 A/W 927 LM End 15.24 Issue Type + Ма Location * LS Supplemental GPS Latitude/Longitude Category Start End DWR UCIP LMA Responsibility 38.292943° 38.292943 Item -121.644980 ° -121.644980 ° DWR ID

Comment Code

Inspector Comment

FS_ID:15363 DS_ID:22755 EP_NO: 15303

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments:

FIELD_STRUCT_DESC: 30-inch steel discharge pipe through the levee 7.0 feet below the crown. Pump on platform on landward toe, siphon breaker in CMP riser on waterward shoulder (Permit No. 15303, 1989). FS Date: 6/25/2013

Photo 1 of 3: UCIP_SP_2017_15363_25219.jpg



Pump platform to right of pumphouse.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	15.24	Rating **	A/W	Issue No.	927 (cont)		
LM End	15.24	Issue Type +	Ma	Location *	LS		
Catagony	Category Supplemental				titud	le/Longitude	
Calegory						End	
Item	DWR UC	IP LMA Respo	onsibility	38.29294	43 °	38.292943 °	
пеш				-121.64498	30°	-121.644980 °	
DWR ID	DWR ID						
Comment Code							

Inspector Comment

FS_ID:15363 DS_ID:22755 EP_NO: 15303

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 30-inch steel discharge pipe through the levee 7.0 feet below the crown. Pump on platform on landward toe, siphon breaker in CMP riser on waterward shoulder (Permit No. 15303, 1989). FS Date: 6/25/2013

LM Start	15.24	Rating **	A/W	Issue No.	927 (cont)
LM End	15.24	Issue Type +	Ma	Location *	LS



Siphon breaker in CMP riser on WS shoulder.

Photo 3 of 3: UCIP_SP_2017_15363_25217.jpg



Pump and platform on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	15.26	Rating **	U	Issue No.	44		
LM End	15.26	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atituc	le/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.2927	02°	38.292702 °	
пеш				-121.6449	67°	-121.644967 °	
DWR ID DWR_RD0999_01_s _ 2016_44							
		Comn	nent Cod	de			
V7 : Trees	/ Woody \	egetation/					
		Inspecto	or Comm	nent			
Unauthoriz	zed palm tı	ees on landw	ard slope	e and toe.			

Photo 1 of 2	2: SP_2017_I	KD0999_	232_44_2	.0170314_	_00046.jp
The same of					
The same of the sa	Land Addition				11.
	Jy ==	3			
	1		;		
		70			
			* *	*	
	ART STATE			No. able 1	The same

Looking east at palm trees on landward slope next to ramp.

t)

Photo 2 of 2: SP_2017_RD0999_232_44_20170516_00116.jpg



LM Start	15.26	Rating **	U	Issue No.	44 (cont)
LM End	15.26	Issue Type +	Ма	Location *	LS

LM Start	15.27	Rating **	С	Issue No.		33
LM End	15.27	Issue Type +	Ma	Location *		WS
Cotogon Earthen Levee			GPS Latitude/Longitude			
Category				Start		End
Item	Trim / Thi	n Trees		38.29254	4 °	38.292544 °
пеш				-121.64496	o°	-121.644960 °
DWR ID	DWR ID DWR_RD0999_01_s _ 2012_33					
Comment Code						

T1: Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

1	* Location	** Rating		+ Issue Type
	LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
	WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
	CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2017 05/16/2017	Dave Torres

LM Start	15.30	Rating **	М	Issue No.		62
LM End	15.30	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Trim / Thi	n Trees		38.2920	30°	38.292030°
пеш				-121.644971 °		-121.644971 °
DWR ID DWR_RD0999_01_f _ 2014_62						
		Comn	nent Cod	le		
T2 : Thin to	rees to allo	w visibility of	the grou	nd and roo	m to	flood fight.
		Inspecto	or Comm	nent		

No Photos

* Rating
A: Acceptable
M: Minimally Acceptable
U: Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/22/2017 03/22/2017	Richard Willoughby

LM Start	0.00	Rating **	M	Issue No.		31	
LM End	2.30	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Vegetatio	n		38.2904	22°	38.286590°	
пеш				-121.644887 °		-121.606332 °	
DWR ID	DWR ID DWR_RD0999_02_s _ 2017_31						
		Comn	nent Cod	le			
V1 : Contro	ol annual g	grass and wee	ds on th	e levee slo	pes a	and	
easements	S.						
		Inspecto	or Comm	nent			

No Photos

LM Start	0.00	Rating **	М	Issue No.		32
LM End	2.30	Issue Type +	Ma	Location * WS		WS
Catagony	Category Earthen Levee			GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Vegetation			38.2904	22°	38.286590°
item				-121.6448	87 °	-121.606332 °
DWR ID	DWR_RD0	999_02_s _ 201	7_32			
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements						

Inspector Comment

No Photos

Wednesday, May 31, 2017 16:33

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/22/2017 03/22/2017	Richard Willoughby

LM Start	0.18	Rating **	A/W	Issue No.		25	
LM End	0.18	Issue Type +	Ma	Location *		LS	
Cotogony	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Vegetatio	n		38.2908	66 °	38.290866 °	
пеш				-121.6416	50°	-121.641650 °	
DWR ID	DWR ID DWR_RD0999_02_f _ 2013_25						
		Comn	nent Cod	de			
V2 : Remo	ve the wild	d growth other	than na	tive grasses	s fro	m the levee	
		Inspecto	or Comm	nent			

No Photos

LM Start	0.23	Rating **	М	Issue No.		12	
LM End	0.23	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.2907	87°	38.290787	0
пеш				-121.6407	25 °	-121.640725	0

DWR ID DWR_RD0999_02_s _ 2012_12

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

N.	o F	Эh.	∩t:	ne

LM Start	0.54	Rating **	A/W	Issue No.		43	
LM End	0.54	Issue Type +	Ma	Location *		WS	
Catagoria Earthen Levee				GPS La	titud	e/Longitude	
Calegory	Category					End	
Item	Trim / Thi	n Trees		38.29144	0°	38.291440	0
пеш				-121.63541	1 °	-121.635411	0
DWR ID DWR_RD0999_02_f _ 2015_43							
	Comment Code						

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR · Crown	II · I Inaccentable	AMM · Acceptable but Monitor & Maintain	En · Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/22/2017 03/22/2017	Richard Willoughby

LM Start	0.71	Rating **	М	Issue No.		44
LM End	0.71	Issue Type +	Ма	Location *		WS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory			Start		End	
Trim / Thin Trees				38.2926	89°	38.292689
пеш	item				30°	-121.632730
DWR ID	DWR_RD0	999_02_f _ 201	5_44			
		Comn	nent Cod	le		
T1 : Trim t	rees to at l	east five feet	above g	round level.		
		Inspecto	or Comm	ent		

No Photos

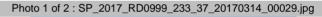
LM Start	0.73	Rating **	U	Issue No.		37		
LM End	0.73	Issue Type +	Ma	Location *		LS		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item	Trim / Thin Trees				83°	38.292783 °		
пеш			-121.6323	17°	-121.632317°			
DWR ID	DWR ID DWR_RD0999_02_s _ 2014_37							
		_	. ^					

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

LM Start	0.73	Rating **	U	Issue No.	37 (cont)
LM End	0.73	Issue Type +	Ma	Location *	LS





Looking at untrimmed tree on landward slope and toe. (Fall 2016)

Photo 2 of 2: SP_2017_RD0999_233_37_20170314_00030.jpg



Looking at untrimmed tree on landward slope. (Spring 2016)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/22/2017 03/22/2017	Richard Willoughby

	Rating **	M	Issue No.		26
0.78	Issue Type +	Ма	Location *		WS
Category Earthen Levee			GPS La	atitud	le/Longitude
		Start		End	
Trim / Thin Trees			38.2926	68°	38.292613 °
		-121.631755 °		-121.631542 °	
DWR_RD0	999_02_f _ 201	3_26			
	Comn	nent Cod	le		
ees to at I	east five feet	above g	round level.		
Inspector Comment					
	Earthen L	Farthen Levee Frim / Thin Trees DWR_RD0999_02_f _ 201: Comn ees to at least five feet	Farthen Levee Frim / Thin Trees DWR_RD0999_02_f2013_26 Comment Cocces to at least five feet above green	### GPS La Start	### GPS Latitud Start

No Photos

LM Start	0.82	Rating **	U	Issue No.		14		
LM End	0.82	Issue Type +	Ма	Location *		LS		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item	Vegetation			38.29243	39°	38.292439 °		
пеш				-121.63078	31 °	-121.630781 °		
DWR ID	DWR ID DWR_RD0999_02_f _ 2012_14							

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Century plant on landside slope.

LM Start	0.82	Rating **	U	Issue No.	14 (cont)
LM End	0.82	Issue Type +	Ma	Location *	LS

Photo 1 of 2: SP_2017_RD0999_233_14_20170314_00015.jpg



Looking north at century plant at landward toe fall 2015.

Photo 2 of 2 : SP_2017_RD0999_233_14_20170314_00016.jpg



Looking north at century plant at landside toe.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/22/2017 03/22/2017	Richard Willoughby

LM Start	0.83	Rating **	U	Issue No.		19		
LM End	0.83	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory			Start		End			
Item	Trim / Thi	n Trees		38.2923	86°	38.292386 °		
пеш				-121.6305	43 °	-121.630543 °		
DWR ID DWR_RD0999_02_f _ 2012_19								
		Comn	nent Cod	de				
T2 : Thin to	rees to allo	w visibility of	the grou	nd and roo	m to	flood fight.		
Inspector Comment								

Photo 1 of 2 : SP_2017_RD0999_233_19_20170314_0002	1.jpg
	6
	6
	4
	9.4
	36

Looking north at untrimmed and trees to be thinned at landward toe fall 2015.

 LM Start
 0.83
 Rating **
 U
 Issue No.
 19 (cont)

 LM End
 0.83
 Issue Type +
 Ma
 Location *
 LS

Photo 2 of 2: SP_2017_RD0999_233_19_20170314_00022.jpg



Looking west at dense trees on landside slope and toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/22/2017 03/22/2017	Richard Willoughby

LM Start	0.84	Rating **	М	Issue No.		13
LM End	0.84	Issue Type +	Ма	Location *		LS
Category	Earthen L	evee		GPS L	atitud	e/Longitude
Calegory				Start		End
ltom	ltem Encroachments			38.2923	52°	38.292352°
пеш				-121.630452 °		-121.630452 °
DWR ID DWR_RD0999_02_s _ 2012_13						
		Comn	nent Cod	le		
TR : Tree	or limb					
			_			
Inspector Comment						



Looking northwest at tree limb on landside slope.

LM Start	0.93	Rating **	М	Issue No.		2
LM End	1.03	Issue Type +	Ma	Location *	LS	
Earthen Levee GF						e/Longitude
Category			Start		End	
Item	Animal Control			38.2918	23 °	38.291250°
item				-121.6289	73 °	-121.627285 °
DWR ID DWR_RD0999_02_s _ 2012_2						
Comment Code						

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment





Looking at several rodent holes on landside slope.

LM Start	0.96	Rating **	U	Issue No.	39	
LM End	1.01	Issue Type +	Ма	Location *	LS	
Category Earthen Levee			GPS Latitude/Longitude			
			Start		End	
Item	Trim / Thin Trees			38.29160)3 °	38.291292°
пеш				-121.62848	35 °	-121.627577°
DWR ID	DWR ID DWR_RD0999_02_f _ 2014_39					
Comment Code						

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Untrimmed trees along landward toe.



Looking south at untrimmed trees on landward slope.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/22/2017 03/22/2017	Richard Willoughby

LM Start	1.04	Rating **	М	Issue No.		20
LM End	1.53	Issue Type +	Ma	Location *		CR
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory						End
Item	Crown Su	rface / Depres	ssions /	38.2912	06°	38.290915 °
item	Rutting			-121.6270	30°	-121.618227 °
DWR ID DWR_RD0999_02_f _ 2012_20						
		Comn	nent Cod	le		
C2 : Repa	ir depressi	ons or ruts in	the crow	n or slope.		
Inspector Comment						

No Photos

LM Start	1.15	Rating **	A/W	Issue No.	40	
LM End	1.15	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS La	titud	e/Longitude
Category			Start		End	
ltom	Item Trim / Thin Trees			38.2910	69°	38.291069°
пеш				-121.6251	38°	-121.625138 °
DWR ID	DWR_RD0	999_02_f _ 201	4_40			
Comment Code						
T1 : Trim trees to at least five feet above ground level.						

Inspector Comment

No Photos

* Location

LS: Land Side N/A: Not Applicable

WS: Water Side

CR: Crown

* Rating

A : Acceptable

M : Minimally Acceptable

U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

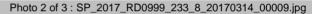
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/22/2017 03/22/2017	Richard Willoughby

LM Start	1.73	Rating **	A/W	Issue No.		8
LM End	1.76	Issue Type +	Ма	Location *		LS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Category				Start		End
Item	Vegetatio	n		38.2898	95°	38.289595 °
item				-121.614688 °		-121.614337 °
DWR ID DWR_RD0999_02_s _ 2012_8						
		Comn	nent Cod	de		
V2 : Remo	ve the wild	d growth other	than na	tive grasse	s fro	m the levee
		Inspecto	or Comm	nent		

Photo 1 of 3: SP_2017_RD0999_233_8_20170314_0000	8.jpg

Looking east at dense vegetation on landward shoulder and slope. (Spring 2016)

LM Start 1.73 Rating ** A/W Issue No. 8 (cont) LM End 1.76 Issue Type + Ma Location * LS





Looking west at dense vegetation on landward shoulder and slope. (Spring 2015)

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/22/2017 03/22/2017	Richard Willoughby

LM Start	1.73	Rating **	A/W	Issue No.		8 (cont)
LM End	1.76	Issue Type +	Ma	Location *		LS
Cotogony	Earthen L	evee		GPS La	atitud	le/Longitude
Category				Start		End
Item	Vegetatio	n		38.2898	95 °	38.289595 °
item				-121.6146	88 °	-121.614337°
DWR ID	DWR_RD0	999_02_s _ 201	2_8		·	
		Comn	nent Cod	le		
V2 : Remo	ve the wild	d growth other	than na	tive grasses	s fro	m the levee
		Inspecto	or Comm	nent		



Looking east at elderberry bush on landside shoulder and slope. (Fall 2014)

LM Start	1.74	Rating **	С	Issue No.	34		
LM End	1.74	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Vegetatio		38.289773 °		38.289773 °		
пеш				-121.6145	87 °	-121.614587 °	
DWR ID	DWR_RD0	999_02_s _ 201	6_34				
		Comn	nent Cod	le			
V4 : Elderk	perries are	blocking visib	ility and	flood fight	capa	ability.	
_ , , , ,							
		Inspecto	or Comm	nent			

No Photos

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/22/2017 03/22/2017	Richard Willoughby

	_						
LM Start	1.78	Rating **	С	Issue No.		42	
LM End	1.78	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.2893	99°	38.289399	0
пеш				-121.6141	30°	-121.614130	0
DWR ID	DWR_RD0	999_02_f _ 201	4_42				
		Comn	nent Cod	de			
V4 : Elderl	perries are	blocking visib	ility and	flood fight	сара	ability.	
		Inspecto	or Comm	nent			
Elderberry	and wildro	ses blocking	landward	d toe.			

No Photos

LM Start	1.78	Rating **	С	Issue No.		38
LM End	1.82	Issue Type +	Ма	Location *		WS
Cotogony	Earthen L	evee		GPS La	atituc	de/Longitude
Category				Start		End
Itom	Vegetatio	n		38.2893	60°	38.289006°

DWR ID DWR_RD0999_02_s _ 2014_38

Comment Code

-121.614086°

-121.613639°

V4: Elderberries are blocking visibility and flood fight capability.

Inspector Comment

No Photos

LM Start	1.80	Rating **	С	Issue No.		6	
LM End	1.90	Issue Type + Ma Location *		Location *		LS	
Category	Earthen L	evee		GPS La	titud	e/Longitude	
Category			Start		End		
Item	Vegetatio	n		38.2891	17°	38.288718	0
iteiii				-121.6137	77 °	-121.612227	0
DWR ID	DWR_RD0	999_02_s _ 201	2_6				
		Comp	nont Coo	10			

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

LMA is maintaining vegetation, but should be monitored.

No Photos

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/22/2017 03/22/2017	Richard Willoughby

LM Start	1.93	Rating **	М	Issue No.		16
LM End	1.93	Issue Type +	Ма	Location *		WS
Category Earthen Levee				GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Vegetatio	n		38.2887	'13 °	38.288713 °
item				-121.6116	20°	-121.611620°
DWR ID	DWR_RD0	999_02_s _ 201	2_16			
		Comn	nent Cod	le		
V4 : Elderk	perries are	blocking visit	ility and	flood fight	сара	bility.
		Inspecto	or Comm	nent		

No Photos

LM Start	1.97	Rating **	М	Issue No.	33	
LM End	1.97	Issue Type +	Ma	Location *	LS	
Category Earthen Levee			GPS Latitude/Longitude			
Calegory	alegory			Start		End
Item	Animal Co	ontrol		38.2887	12°	38.288712 °
пеш				-121.61092	20°	-121.610920 °
DWR ID	DWR_RD0	999_02_s _ 201	7_33			
Comment Code						

No Photos

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/22/2017 03/22/2017	Richard Willoughby

LM Start	2.06	Rating **	U	Issue No.		29	
LM End	2.07	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Odicgory				Start		End	
Item	Trim / Thi	n Trees		38.2888	70°	38.288844 °	
пеш				-121.6092	-121.609008 °		
DWR ID DWR_RD0999_02_f _ 2013_29							
		Comn	nent Cod	de			
T1 : Trim t	rees to at l	east five feet	above g	round level			
		Inspecto	or Comm	nent			



Looking at untrimmed trees on landward slope fall 2015.

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/22/2017 03/22/2017	Richard Willoughby

LM Start	0.00	Rating **	M	Issue No.		9	
LM End	3.74	Issue Type +	Ma	Location *	LS		
Earthen Levee			GPS La	atitud	e/Longitude		
Category				Start		End	
Item	Vegetatio	n		38.2866	37°	38.332663 °	
пеш				-121.6062	-121.584533 °		
DWR ID DWR_RD0999_03_s _ 2017_9							
		Comn	nent Cod	de			
V1 : Contro easements	•	grass and wee	ds on th	e levee slo	pes a	and	
		Inspecto	or Comm	nent			

No Photos

LM Start	0.00	Rating **	М	Issue No.		16		
LM End	3.74	Issue Type +	Ma	Location *	WS			
Category	Earthen L	evee	GPS Latitude/Long			e/Longitude		
Category				Start		End		
Item	Vegetation			38.2866	37°	38.332663 °		
пеш				-121.6062	48 °	-121.584533 °		
DWR ID	DWR_RD0	999_03_s _ 201	7_16					
	Comment Code							
	V1 : Control annual grass and weeds on the levee slopes and easements.							

No Photos

Inspector Comment

* Location LS : Land Side N/A : Not Applicable WS: Water Side CR : Crown

Rating A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/22/2017 03/22/2017	Richard Willoughby

LM Start	0.06	Rating **	M	Issue No.		17	
LM End	0.06	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee		GPS L	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	Vegetation			90°	38.287290 °	
пеш	-121.6054				72°	-121.605472 °	
DWR ID DWR_RD0999_03_s _ 2017_17							
		Comn	nent Cod	de			
V2 : Remo	ove the wild	d growth other	than na	tive grasse	s fro	m the levee	
		Inspecto	or Comm	nent			
Century plants on waterward slope.							

Photo 1 of 1: SP_2017_RD0999_234_17_20170324_00042.jpg	

Looking east at century plants on waterward slope.

LM Start	0.09	Rating **	M	Issue No.		23			
LM End	0.09	Issue Type +	Ma	Location *		WS			
Category Earthen Levee			GPS Latitude/Longitude						
Calegory	Category			Start		End			
Encroachments ltem			38.287595 °		38.287595 °				
item			-121.605275 °		-121.605275 °				
DWR ID DWR_RD0999_03_s _ 2017_23									
		Comn	nent Cod	le					
PR : Pruni	ngs								
Inspector Comment									
Large prun	ning piles o	n waterward	slope.						



Looking east large pruning piles on waterward slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/22/2017 03/22/2017	Richard Willoughby

LM Start	0.24	Rating **	U	Issue No.	29				
LM End	0.65	Issue Type +	Ma	Location *	WS				
Supplemental				GPS Latitude/Longitude					
Calegory			Start		End				
Item		CE Erosion S	Survey,	38.28963	84 °	38.295505°			
пеш	DRAFT			-121.60434	ı3°	-121.605648 °			
DWR ID	DWR_RD0	999_03_s _ 201	6_29						
	Comment Code								

Inspector Comment

1997 - Intermittent over-steepened sections. Large riparian vegetation along the length of the entire reach. Attempts to repair with rock on bank have failed. 1999 - New rock repair at the downstream end. 2002 - Some minor spot repairs. 2009 - Minimal new erosion. 2010 - Appears that fresh rock placed on downstream portion of site. Toe scour and overhanging trees with some overturned. 2012 - Minor new erosion at the toe. 2013 - Site upgraded to CRITICAL. Severe slumping into levee at downstream end of site. Fresh erosion into bank toe. 2015: New slumping, tall vertical sections. [2015 Site ID: STR_24-7_R]



USACE 2013 Photo #1

LM Start	0.66	Rating **	U	Issue No.		8		
LM End	0.66	Issue Type +	Ma	Location *		Location *		LS
Category	Catagori Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End		
Item	Vegetation			38.2956	18°	38.295618 °		
item				-121.6059	23 °	-121.605923 °		
DWR ID	DWR_RD0	999_03_s _ 201	2_8					

Comment Code

V4: Elderberries are blocking visibility and flood fight capability.

Inspector Comment

Dense veg on landward slope.

Photo 1 of 3: SP_2017_RD0999_234_8_20170324_00044.jpg



Looking east at dense veg on landwars slope. (Spring 2017)

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/22/2017 03/22/2017	Richard Willoughby

LM Start	0.66	Rating **	U	Issue No.	8 (cont)		
LM End	0.66	Issue Type +	Ma	Location *	LS		
Category	evee		GPS Latitude/Longitude				
Category				Start		End	
Item	Vegetatio	n		38.2956	18°	38.295618 °	
item				-121.605923 °		-121.605923 °	
DWR ID DWR_RD0999_03_s _ 2012_8							
Comment Code							
V4 : Elderberries are blocking visibility and flood fight capability.							
		Inspecto	or Comm	nent			
Dense veg	on landwa	ard slope.					

Ma

Issue No.

Location 3

0.66

0.66

LM Start

LM End

Rating **

Issue Type +

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Photo 2 of 3: SP_2017_RD0999_234_8_20170314_00006.jpg

Looking east at elderberry at landward slope and toe. (Spring 2016)

8 (cont)

LS

Photo 3 of 3: SP_2017_RD0999_234_8_20170314_00005.jpg



Looking east at brush on landward slope and toe. (Fall 2016)

LM Start	0.93	Rating **	U	Issue No.		43	
LM End	0.95	Issue Type +	Ма	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory						End	
Item	Trim / Thi	n / Thin Trees		38.2991	30°	38.299362 °	
item				-121.6037	68 °	-121.603462 °	
DWR ID DWR_RD0999_03_f _ 2014_43							
Comment Code							

Inspector Comment

T1 : Trim trees to at least five feet above ground level.

Photo 1 of 1: SP_2017_RD0999_234_43_20170314_00028.jpg



Looking at untrimmed trees on landward slope and toe.

* Location		** Rating		+ Issue Type
LS: Land Side	N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR · Crown		II · I Inaccentable	AMM · Acceptable but Monitor & Maintain	En · Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/22/2017 03/22/2017	Richard Willoughby

LM Start	0.97	Rating **	М	Issue No.	30		
LM End	1.10	Issue Type +	Ma	Location *		WS	
Category	Suppleme	Supplemental			GPS Latitude/Longitude		
Calegory	Jory			Start		End	
Item		2015 USACE Erosion Survey,		38.2994	02°	38.300542 °	
пеш	DRAFT	RAFT			56°	-121.601118°	
DWR ID DWR_RD0999_03_s _ 2016_30							
Comment Code							

Inspector Comment

2008 - Over steepened levee section. 2009 - Significant new erosion. 2010 - Minor new erosion. 2015: No observed changes. [2015 Site ID: STR_25-2_R]



USACE 2013 Photo #1

LM Start	1.43	Rating **	М	Issue No.	1		
LM End	1.58	Issue Type +	Ма	Location *	WS		
Category	Supplemental			GPS Latitude/Longitude			
Calegory				Start		End	
Item		2015 USACE Erosion Survey,		38.3052	29°	38.306667°	
пеш	DRAFT	DRAFT			33 °	-121.598266 °	
DWR ID DWR_RD0999_03_s _ 2016_1					·		
Comment Code							

Inspector Comment

2011 - Toe scour along length of site and erosion pockets. 2012 - Site extended slighty upstream due to new erosion pocket. 2013 - Tall vertical sections at upstream end of site. 2015: No observed changes. [2015 Site ID: STR_25-7_R]

Photo 1 of 1 : SP_2017_RD0999_234_1_20170314_00001.jpg
This E May 1

USACE 2013 Photo #1

LM Start	1.50	Rating **	М	Issue No.	11		
LM End	1.50	Issue Type +	Ма	Location *	LS		
Category	Earthen L	Levee GPS Lati			GPS Latitude/Longitude		
Calegory	ategory		Start		End		
Item	Trim / Thi	n Trees		38.30606	2°	38.306062 °	
пеш				-121.59949	5°	-121.599495 °	
DWR ID	DWR_RD0999_03_s _ 2012_11						
		Comp	nont Coo	lo.			

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Photo 1 of 2 : SP_2017_RD0999_234_11_20170314_00011.jpg
Looking at untimmed trace on landward alone and too (Fell 2016)

Looking at untrimmed trees on landward slope and toe. (Fall 2016)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/22/2017 03/22/2017	Richard Willoughby

LM Start	1.50	Rating **	М	Issue No.		11 (cont)	
LM End	1.50	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS L	atitud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thin Trees			38.3060	62°	38.306062	
					-121.599495		
DWR ID	DWR ID DWR_RD0999_03_s _ 2012_11						
		Comn	nent Cod	de			
T1 : Trim t	rees to at	least five feet	above g	round level	•		
Inspector Comment							



Looking at untrimmed trees on landward slope and toe. (Spring 2016)

LM Start	1.53	1.53 Rating ** U		Issue No.		12	
LM End	1.53 Issue Type + Ma		Location *		LS		
Category	evee		GPS Latitude/Longitude				
Calegory			Start		End		
Item	Trim / Thi	n Trees		38.3063	32°	38.306332 °	
пеш	-121.599109 ° -121.599109						
DWR ID DWR_RD0999_03_s _ 2012_12							
		^	. ^				

Comment Code

T1: Trim trees to at least five feet above ground level.

Inspector Comment



Looking east at untrimmed trees on landward slope.

LM Start	1.57	Rating **	М	Issue No.		13	
LM End	1.59	Issue Type +	Ма	Location *		LS	
Category	Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End	
Item	Trim / Thi	Γrim / Thin Trees			32 °	38.306948 °	
пеш				-121.59854	۱1°	-121.598320 °	
DWR ID	R ID DWR_RD0999_03_s _ 2012_13						

Comment Code

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment



Looking north at untrimmed trees on landward toe. (Spring 2015)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/22/2017 03/22/2017	Richard Willoughby

-							
LM Start	1.61	Rating **	U	Issue No.	25		
LM End	1.61	Issue Type +	Ma	Location *	WS		
Category	Earthen Levee					le/Longitude	
Calegory				Start		End	
Item	ltem Encroachments				95°	38.307295 °	
пеш					02 °	-121.598202°	
DWR ID DWR_RD0999_03_s _ 2017_25							
		Comn	nent Cod	le			
PR : Pruni	ngs						
		Inspecto	or Comm	nent			



Looking east at several large pruning piles on waterward slope.

LM Start	1.68	Rating **	М	Issue No.	14	
LM End	1.68	Issue Type +	Ma	Location *	LS	
Category Earthen Levee				GPS Latitude/Longitude		
Calegory	Category					End
Item	Trim / Thin Trees				29°	38.308129°
item	tem				0 °	-121.598610 °
DWR ID	DWR ID DWR_RD0999_03_s _ 2012_14					
Comment Code						

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

N : Not Inspected/Rated C : Corrected + Issue Type
Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/22/2017 03/22/2017	Richard Willoughby

LM Start	1.96	Rating **	М	Issue No.		20	
LM End	1.96	Issue Type +	Ma	Location *		LS	
Category	Earthen Levee					le/Longitude	
Category				Start		End	
Item	Trim / Thi	n Trees		38.3114	47°	38.311447 °	
nem				-121.597358 °		-121.597358°	
DWR ID	DWR ID DWR_RD0999_03_s _ 2012_20						
		Comn	nent Cod	le			
T1: Trim t	rees to at	least five feet	above g	round level			
		Inspecto	or Comm	nent			

No Photos

LM Start	2.20	Rating **	М	Issue No.		40			
LM End	2.22	Issue Type +	Ma	Location *		LS			
Category	Earthen Levee					GPS Latitude/Longitude			
Calegory				Start		End			
Item	Trim / Thi	n Trees		38.3135	66 °	38.313777°			
петт				-121 5030	10°	-121 593608 °			

DWR ID DWR_RD0999_03_s _ 2015_40

Comment Code

T1: Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	2.71	Rating **	A/W	Issue No. 41		41	
LM End	2.71	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS La	titud	e/Longitude	
				Start		End	
Item	Trim / Thi	n Trees		38.32033	5 °	38.320335	0
item			-121.59079	5 °	-121.590795	0	
DWR ID DWR_RD0999_03_s _ 2015_41							
Comment Code							

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

Location	
LS: Land Side	N/A: Not Applicable
WS: Water Side	
CP · Crown	

Rating A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/22/2017 03/22/2017	Richard Willoughby

LM Start	2.78	Rating **	М	Issue No.		28			
LM End	2.94	Issue Type +	Ma	Location *	LS				
Category	Earthen L	evee		GPS L	atitud	e/Longitude			
Category				Start		End			
Item	Trim / Thi	n Trees		38.3212	244°	38.323362	0		
пеш				-121.590969 °		-121.590208	0		
DWR ID	DWR_RD0	999_03_s _ 201	2_28						
		Comn	nent Coo	le					
T1: Trim t	rees to at	least five feet	above g	round level					
Inspector Comment									

No Photos

LM Start	2.87	Rating **	М	Issue No.		21		
LM End	2.92	Issue Type +	Ma	Location *	WS			
Category				GPS Lat	ituc	le/Longitude		
Calegory			Start		End			
ltom		ACE Erosion S	Survey,	38.32245	7°	38.323042 °		
пеш	DRAFT DRAFT					-121.590209 °		
DWR ID	/R ID DWR_RD0999_03_s _ 2016_21							
Comment Code								

Inspector Comment

2012 - Slumping of upper levee slope. 2015: No observed changes. [2015 Site ID: STR_27-1_R]



USACE 2013 Photo #1

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/22/2017 03/22/2017	Richard Willoughby

LM Start	2.88	Rating **	U	Issue No.		10	
LM End	2.88	Issue Type +	Ма	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.3227	57°	38.322757 °	
item				-121.590817 °		-121.590817 °	
DWR ID DWR_RD0999_03_f _ 2012_10							
		Comn	nent Cod	de			
T3 : Trim a flood fight.		es to allow vis	sibility of	the ground	l and	d room to	
		Inspecto	or Comm	nent			
Wild growt	h at landsi	de slope and	toe.				

Photo 1 of 4 : SP_2017_R	D0999_234_10_20170314_00007.jpg
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Looking northwest at dense vegetation on landward slope and toe. (Spring 2016)

LM Start 2.88 Rating ** U Issue No. 10 (cont) LM End 2.88 Issue Type + Ma Location * LS

Photo 2 of 4: SP_2017_RD0999_234_10_20170314_00008.jpg



Looking weat at trimmed trees at landward toe. (Fall 2014)

LM Start	2.88	Rating **	U	Issue No.	10 (cont)
LM End	2.88	Issue Type +	Ma	Location *	LS



Looking west at dense trees on landside toe.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/22/2017 03/22/2017	Richard Willoughby

LM Start	2.88	Rating **	U	Issue No.		10 (cont)	
LM End	2.88	Issue Type +	Ma	Location *		LS	
Earthen Levee				GPS La	titud	e/Longitude	
Calegory	Category					End	
Item	Trim / Thi	n Trees		38.3227	57°	38.322757	0
пеш				-121.5908	17°	-121.590817	0
DWR ID	WR ID DWR_RD0999_03_f _ 2012_10						

Comment Code

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Wild growth at landside slope and toe.



Looking northwest at dense vegetation at landside slope and toe.

LM Start	3.01	Rating **	U	Issue No.		31
LM End	3.25	Issue Type +	Ma	Location *		LS
Category	Earthen Levee			GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Trim / Thi	n Trees		38.3237	70°	38.326061 °
пеш				-121.5890	35 °	-121.586028 °
DWR ID	DWR_RD0999_03_s _ 2012_31					

Comment Code

T3: Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

LM Start	3.01	Rating **	U	Issue No.	31 (cont)
LM End	3.25	Issue Type +	Ma	Location *	LS

Photo 1 of 2: SP_2017_RD0999_234_31_20170314_00026.jpg



Looking northwest at untrimmed trees on landward slope. (Spring 2016)

Photo 2 of 2: SP_2017_RD0999_234_31_20170314_00027.jpg



Looking north at trimmed trees on landward slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/22/2017 03/22/2017	Richard Willoughby

LM Start	3.05	Rating **	М	Issue No.	5			
LM End	3.23	Issue Type +	Ma	Location *	WS			
Category				GPS Latitude/Longitude				
Category			Start		End			
Itom		ACE Erosion S	Survey,	38.323667°		38.325592 °		
Item DRAFT			-121.58822	26°	-121.585925 °			
DWR ID	D DWR_RD0999_03_s _ 2016_5							
	Comment Code							

Inspector Comment

2011 - Multiple erosion pockets. Some likely from tree popouts. 2013 - Tall vertical sections. 2015: New tree popout and significant new erosion. [2015 Site ID: STR_27-3_R]



USACE 2013 Photo #1

LM Start	3.21	Rating **	A/W	Issue No.		19	
LM End	3.21	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Trim / Thi	n Trees		38.3255	34°	38.325534°	
пеш				-121.5862	73 °	-121.586273 °	
DWR ID DWR_RD0999_03_s _ 2012_19							
		Comp	ant Coo	lo.			

Comment Code

T1: Trim trees to at least five feet above ground level.

Inspector Comment

NΩ	Photos	٠

LM Start	3.49	Rating **	A/W	Issue No.		49	
LM End	3.49	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS Lati	tud	e/Longitude	
Category			Start		End		
Item	Trim / Thi	n Trees		38.329452	2°	38.329452	0
item				-121.586560	°	-121.586560	0
DWR ID	DWR_RD0	999_03_f _ 201	5_49				
		_					

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/22/2017 03/22/2017	Richard Willoughby

LM Start	3.56	Rating **	A/W	Issue No.		50	
LM End	3.60	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory	Calegory			Start		End	
Item	Trim / Thi	Trim / Thin Trees			38.330326 °		0
пеш				-121.586222 °		-121.585908	٥
DWR ID	DWR_RD0	999_03_f _ 201	5_50				
	Comment Code						
T1 · Trim t	roos to at	least five feet	ahove a	round level			

1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	3.60	Rating **	М	Issue No.		44	
LM End	3.64	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	titud	le/Longitude	
Calegory	Salegory			Start		End	
Item	Trim / Thi	n Trees		38.33094	16°	38.331415 °	
пеш				-121.58593	32°	-121.585534°	
DWR ID	DWR_RD0	999_03_s _ 201	5_44			·	

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Remove trees less than four inches in diameter at chest height. Don't allow young trees to get establish on levee slope.



Looking southwest at typical view of young oak trees on landward slope. (Spring 2015)

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/22/2017 03/22/2017	Richard Willoughby

LM Start	4.56	Rating **	М	Issue No.	18		
LM End	4.68	Issue Type +	Ma	Location *	WS		
Category				GPS Latitude/Longitude			
Calegory		Start		End			
Item		ACE Erosion S	Survey,	38.3138	36°	38.315407°	
пеш	DRAFT			-121.5922	59°	-121.591433 °	
DWR ID DWR_RD0999_03_s _ 2016_18							
Comment Code							

Inspector Comment

2002 - Original rock over geotextile is sliding off and the end is coming unraveled. 2003 - Some minor new erosion on the downstream end. 2004 - Site has gotten worse. Underlined geofabric is exposed. 2005 -Still looks bad with exposed geotextile fabric. 2006 - Still have some new unraveling and exposed fabric. Site lengthened upstream. 2009 -Minimal new erosion. 2010 - geotextile fabric placed since last year, possible flood fight. 2012 - Exposed geotech style fabric, assume rock on top slid off. 2015: Erosion pockets covered with plastic. [2015 Site ID: STR_26-5_L]

Photo 1 of 1: SP_2017_RD0999_234_18_20170314_00017.jpg



USACE 2013 Photo #1

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/23/2017 03/23/2017	Richard Willoughby

LM Start	0.00	Rating **	A/W	Issue No.	49		
LM End	0.00	Issue Type +	Ма	Location *	LS		
Category				GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UC	IP LMA Respo	nsibility	38.41402	22 °	38.414022 °	
пеш				-121.52298	86°	-121.522986 °	
DWR ID	DWR ID						
Comment Code							

Inspector Comment

FS_ID:15708 DS_ID:22788 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

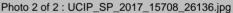
Wednesday, May 31, 2017 16:34

FIELD_STRUCT_DESC: 5'x5' concrete culvert through the levee 30.0 feet below the crown. Slide gate in 6'X8' concrete vault on the waterward shoulder. Originally included in the 1966 O&M manual. FS Date: 7/12/2013

LM Start	0.00	Rating **	A/W	Issue No.	49 (cont)
LM End	0.00	Issue Type +	Ma	Location *	LS



Slide gate in concrete vault on WS shoulder.





Toe of LS at approximate location of outlet/inlet.

FINAL DATA

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/23/2017 03/23/2017	Richard Willoughby

LM Start	0.01	Rating **	M	Issue No.		42	
LM End	1.22	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.4141	12°	38.429770 °	
пеш	-121.523295 ° -121.533145						
DWR ID DWR_RD0999_04_s _ 2017_42							
		Comn	nent Cod	le			
V1 : Contro easements		grass and wee	ds on th	e levee slop	pes a	and	
		Inspecto	or Comm	nent			

No Photos

LM Start	0.01	Rating **	М	Issue No.		43
LM End	1.22	Issue Type +	Ma	Location *		WS
Category	.evee	GPS La	atitud	e/Longitude		
Category	ategory					End
Item	Vegetation			38.414112°		38.429770 °
пеш				-121.5232	95 °	-121.533145 °
DWR ID	DWR ID DWR_RD0999_04_s _ 2017_43					
Comment Code						
V1 : Contro	V1 : Control annual grass and weeds on the levee slopes and					

No Photos

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/23/2017 03/23/2017	Richard Willoughby

LM Start	0.02	Rating **	М	Issue No.	8		
LM End	0.28	Issue Type +	Ma	Location *	WS		
Supplemental				GPS Latitude/Longitude			
Calegory				Start		End	
Item		ACE Erosion S	Survey,	38.4143	87°	38.417692 °	
пеш	DRAFT			-121.5228	71 °	-121.525083 °	
DWR ID	D DWR_RD0999_04_s _ 2016_8						
	Comment Code						

Inspector Comment

1997 - Structural problem rather than erosional, failed cobble at downstream end. 2005 - New brush boxes at waterline for several hundred feet downstream, No toe or bank protection present. 2006 -Some minor new erosion. Brush boxes not working well, most of the brush has floated out. 2007 - Brush boxes have recently been repaired. 2015: No observed changes. [2015 Site ID: SAC_41-9_R]



USACE 2013 Photo #1

LM Start	0.03	Rating **	М	Issue No.		45	
LM End	0.03	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory	gory			Start		End	
Item	Encroach	ments		38.4143	35°	38.414335	0
пеш				-121.5233	48 °	-121.523348	0
DWR ID DWR_RD0999_04_s _ 2017_45							

Comment Code

TR: Tree or limb

Inspector Comment

Large downed tree on landward slope.

Photo 1 of 1: SP_2017_RD0999_235_45_20170324_00073.jpg



Looking west at fallen tree on landward slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/23/2017 03/23/2017	Richard Willoughby

LM Start	0.03	Rating **	М	Issue No.	35		
LM End	0.03	Issue Type +	Ма	Location *	LS		
Category	Earthen L	evee	GPS La	titud	le/Longitude		
Calegory			Start		End		
Item	Trim / Thi	Trim / Thin Trees			50°	38.414450 °	
item				-121.52330	08°	-121.523308°	
DWR ID	DWR_RD0	999_04_f _ 201	4_35				
Comment Code							
T1 : Trim trees to at least five feet above ground level.							

Inspector Comment

Untrimmed trees on landward slope and toe.



Looking at untrimmed trees on landward slope.

LM Start	0.11	Rating **	U	Issue No.		15	
LM End	0.21	Issue Type +	Ма	Location *	WS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Erosion /	Bank Caving		38.4154	25°	38.416733 °	
пеш				-121.5239	20°	-121.524705 °	
DWR ID	DWR_RD0999_04_s _ 2017_15						
	Comment Code						

Comment Code

E2: Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Waterside erosion 2ft vertical cut.

LM Start	0.11	Rating **	U	Issue No.	15 (cont)
LM End	0.21	Issue Type +	Ma	Location *	WS





Looking downstream at 2ft plus vertical erosion on waterward slope.

Photo 2 of 2 : SP_2017_RD0999_235_15_20170324_00075.jpg



Looking upstream at 2ft plus vertical erosion on waterward slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/23/2017 03/23/2017	Richard Willoughby

LM Start	0.19	Rating **	М	Issue No.		24	
LM End	0.27	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thin Trees			38.4165	18°	38.417519°	
item				-121.524502 °		-121.525368 °	
DWR ID	DWR ID DWR_RD0999_04_s _ 2012_24						
		Comn	nent Cod	le			
T3 : Trim a flood fight.		es to allow vis	sibility of	the ground	l and	I room to	
		Inspecto	or Comm	nent			

No Photos

LM Start	0.38	Rating **	М	Issue No.		10	
LM End	0.50	Issue Type +	Ma	Location *		LS	
Category	Earthen L	Earthen Levee			GPS Latitude/Longitude		
Calegory				GPS Latit Start 38.418838	art End		
Item	Trim / Thi	n Trees	Trees			38.420447 °	
пеш				GPS Latitude/Lor Start 38.418838 °	-121.527380 °		
DWR ID DWR_RD0999_04_s _ 2012_10							
		0		la.			

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

LM Start	0.38	Rating **	М	Issue No.	10 (cont)
LM End	0.50	Issue Type +	Ma	Location *	LS



Looking northwest at dense trees on landside slope and toe.



Looking west at dense trees on waterside slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/23/2017 03/23/2017	Richard Willoughby

LM Start	0.53	Rating **	М	Issue No.		37		
LM End	0.56	Issue Type +	Ma	Location *		LS		
Cotogony	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Trim / Thin Trees			38.4207	91 °	38.421194°		
пеш				-121.5275	53 °	-121.527852°		
DWR ID	DWR ID DWR_RD0999_04_s _ 2015_37							
		Comn	nent Cod	le				
T1 : Trim t	rees to at l	east five feet	above g	round level.				
		Inspecto	or Comm	nent				

No Photos

LM Start	0.58	Rating **	A/W	Issue No.		21
LM End	0.58	Issue Type +	Ма	Location *	LS	
Category	Earthen L	evee		GPS Latitude/Longitude		
Calegory				Start 38.421394 °	End	
Item	Vegetation		38.421394°		38.421394°	
item				-121.5279	63°	-121.527963 °
DWR ID	DWR_RD0	999_04_f _ 201	3_21			
Comment Code						
V7 : Trees / Woody Vegetation						

Inspector Comment

Dead tree on landward slope and toe.

LM Start	0.58	Rating **	A/W	Issue No.	21 (cont)
LM End	0.58	Issue Type +	Ma	Location *	LS

Photo 1 of 2: SP_2017_RD0999_235_21_20170314_00018.jpg



Looking southwest at dead tree at landward toe.

Photo 2 of 2 : SP_2017_RD0999_235_21_20170314_00019.jpg



Looking west at dead tree at landward toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/23/2017 03/23/2017	Richard Willoughby

		D (' **		I N	I				
LM Start	0.63	Rating **	N	Issue No.		19			
LM End	0.63	Issue Type +	Ma	Location *		LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Calegory		Start		End					
Trim / Thin Trees				38.4219	97°	38.421997 °			
пеш			-121.528470 °		-121.528470°				
DWR ID	DWR ID DWR_RD0999_04_s _ 2012_19								
		Comn	nent Cod	de					
T5 : Tree s	stumps.								
Inspector Comment									

No Photos

LM Start	0.65	Rating **	М	Issue No.	44			
LM End	0.65	Issue Type +	Ma	Location *		WS		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item	Trim / Thin Trees			38.4223	56°	38.422356	٥	
пеш				-121.5286	81 °	-121.528681	0	
D14/D 1D	D14/D DD0							

DWR ID DWR_RD0999_04_f _ 2016_44

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Comment Code

No	Photos

LM Start	0.66	Rating **	N	Issue No.		18		
LM End	0.66	Issue Type +	Ma	Location *		LS		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory			Start		End			
Item	Trim / Thin Trees			38.422377 °		38.422377 °		
пеш				-121.5287	92 °	-121.528792 °		
DWR ID	DWR_RD0	999_04_s _ 201	2_18					
	Comment Code							
T5 · Troo	tumne							

No Photos

T5 : Tree stumps.

Inspector Comment

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/23/2017 03/23/2017	Richard Willoughby

LM Start	0.75	Rating **	N	Issue No.		17		
LM End	0.75	Issue Type +	Ма	Location *		LS		
Cotogony	Earthen L	evee		GPS La	atitud	e/Longitude		
Category			Start		End			
Item	Trim / Thi	n Trees		38.4235	60°	38.423560 °		
item				-121.529653 °		-121.529653 °		
DWR ID	DWR ID DWR_RD0999_04_s _ 2012_17							
		Comn	nent Cod	le				
T5 : Tree s	stumps.							
		Inspecto	or Comm	nent				

No Photos

LM Start	0.82	Rating **	N	Issue No.		14		
LM End	0.82	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Calegory			Start		End			
Item	Trim / Thi		38.4244	32°	38.424432 °			
пеш				-121.530265 °		-121.530265 °		
DWR ID	DWR_RD0	999_04_s _ 201	2_14					
		Comn	nent Cod	de				
T5 : Tree s	stumps.							
Inspector Comment								

No Photos

+ Issue Type

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/23/2017 03/23/2017	Richard Willoughby

LM Start	0.84	Rating **	Ν	Issue No.		9			
LM End	0.84	Issue Type +	Ma	Location *		LS			
Category	Earthen Levee			GPS Latitude/Longitude					
				Start		End			
Item	Trim / Thin Trees			38.424722 °		38.424722 °			
				-121.5304	70°	-121.530470 °			
DWR ID	DWR_RD0999_04_s _ 2012_9								
Comment Code									
T5 : Tree stumps.									
Inspector Comment									

No Photos

LM Start	0.99	Rating **	M	Issue No.	39				
LM End	0.99	Issue Type +	Ma	Location *	LS				
Category	Earthen Levee			GPS Latitude/Longitude					
				Start		End			
Item	Trim / Thin Trees			38.4266	44°	38.426644 °			
				-121.5316	75°	-121.531675 °			
DWR ID	DWR_RD0999_04_f _ 2015_39								
Comment Code									
T1 : Trim trees to at least five feet above ground level.									
Inspector Comment									

No Photos

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/23/2017 03/23/2017	Richard Willoughby

1.01	Rating **	U	Issue No.		16			
1.04	Issue Type +	Ма	Location *		LS			
Earthen L	evee		GPS La	atitud	e/Longitude			
		Start		End				
Vegetatio	n		38.4268	73°	38.427295 °			
		-121.531778 °		-121.532164°				
DWR ID DWR_RD0999_04_f _ 2012_16								
Comment Code								
V2 : Remove the wild growth other than native grasses from the levee slopes.								
	Inspecto	or Comm	nent					
Blackberries blocking view of landward toe.								
-								
	1.04 Earthen L Vegetation DWR_RD0	1.04 Issue Type + Earthen Levee Vegetation DWR_RD0999_04_f _ 201: Commove the wild growth other Inspector	1.04 Issue Type + Ma Earthen Levee Vegetation DWR_RD0999_04_f_2012_16 Comment Coove the wild growth other than na Inspector Comm	1.04 Issue Type + Ma Location * Earthen Levee GPS Listart Vegetation 38.4268 -121.5317 DWR_RD0999_04_f _ 2012_16 Comment Code we the wild growth other than native grasse Inspector Comment	1.04 Issue Type + Ma Location * Earthen Levee GPS Latitud Start Vegetation 38.426873 ° -121.531778 ° DWR_RD0999_04_f_2012_16 Comment Code we the wild growth other than native grasses from Inspector Comment			

35	No.
ALCOHOLD STATE OF THE PARTY OF	

Photo 1 of 4: SP_2017_RD0999_235_16_20170314_00013.jpg

Looking southwest at dense vegetation on landward slope and toe. (Spring 2016)

LM Start 1.01 Rating ** U Issue No. 16 (cont) LM End 1.04 Issue Type + Ma Location * LS

Photo 2 of 4: SP_2017_RD0999_235_16_20170314_00014.jpg



Looking northwest at dense vines at landward toe. Fall 2015

LM Start	1.01	Rating **	U	Issue No.	16 (cont)
LM End	1.04	Issue Type +	Ma	Location *	LS



Looking southwest at dense berry vines at landward toe. 2013

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/23/2017 03/23/2017	Richard Willoughby

LM Start	1.01	Rating **	U	Issue No.		16 (cont)	
LM End	1.04	Issue Type + Ma		Location *		LS	
Category	Earthen L		GPS Latitude/Longitude				
Calegory						End	
Item	Vegetation			38.426873 °		38.427295°	
пеш				-121.531778 °		-121.532164°	
DWR ID	DWR_RD0	999_04_f _ 201	2_16				
Comment Code							
V2 : Remove the wild growth other than native grasses from the levee slopes.							

Inspector Comment

Blackberries blocking view of landward toe.



Looking south at dense berryvines on landside toe. 2012

LM Start	1.10	Rating **	U	Issue No.		47			
LM End	1.10	Issue Type +	Ma	Location *	WS				
Category	Earthen L	evee		GPS La	atitud	le/Longitude			
Calegory				Start		End			
Item	Bank Caving	38.4281	52°	38.428152 °					
item				-121.532502 °		-121.532502 °			
DWR ID DWR_RD0999_04_s _ 2017_47									
		Comn	nent Cod	le					
E1 : Note a	and monito	or erosion site							
		Inspecto	or Comm	nent					
Small erosion just above rip rap on waterward toe.									

LM Start	1.10	Rating **	U	Issue No.	47 (cont)
LM End	1.10	Issue Type +	Ma	Location *	WS



Looking downstream at erosion just above rock.

Photo 2 of 2: SP_2017_RD0999_235_47_20170324_00077.jpg



Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/23/2017 03/23/2017	Richard Willoughby

LM Start	1.10	Rating **	М	Issue No.		48
LM End	1.10	Issue Type +	Ma	Location *		WS
Category	evee	GPS Latitude/Longitude				
Calegory				Start		End
Itom	Slope Sta	bility		38.42815	2 °	38.428152 °
ltem ' ,				-121.53250	2 °	-121.532502 °
DWR ID DWR_RD0999_04_s _ 2017_48						
		_	. ^			

Comment Code

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

Runoff erosion on waterward slope.



Looking west at runoff erosion on waterward slope.

LM Start	1.15	Rating **	U	Issue No.		5	
LM End	1.15	Issue Type +	Ma	Location *		LS	
Category	Earthen L	GPS Latitude/Longitude					
Calegory			Start		End		
Item	Vegetatio		38.4288	23 °	38.428823 °		
item				-121.5328	85 °	-121.532885 °	
DWR ID	VR ID DWR_RD0999_04_s _ 2012_5						

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Berry vines and wild roses on landside toe.

LM Start	1.15	Rating **	U	Issue No.	5 (cont)
LM End	1.15	Issue Type +	Ma	Location *	LS

Photo 1 of 3: SP_2017_RD0999_235_5_20170314_00002.jpg



Looking at dense vines at landward toe. Fall 2015.

Photo 2 of 3: SP_2017_RD0999_235_5_20170314_00003.jpg



Looking north at dense vegetation on landside slope near ramp.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/23/2017 03/23/2017	Richard Willoughby

LM Start	1.15	Rating **	U	Issue No.	5 (cont)			
LM End	1.15	Issue Type +	Ma	Location *	LS			
Category Earthen Levee			GPS Latitude/Longitude					
Calegory			Start		End			
ltom	ltem Vegetation			38.428823 °		38.428823 °		
пеш				-121.532885 °		-121.532885 °		
DWR ID	DWR ID DWR_RD0999_04_s _ 2012_5							
	Comment Code							
VO D	10. Decrease the wild was the first the same first and the least							

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Berry vines and wild roses on landside toe.



Looking northwest at dense wild roses and berry vines on landside toe near ramp.

LM Start	1.16	Rating **	U	Issue No.		40		
LM End	1.16	Issue Type +	Ma	Location *	LS			
Category	Earthen Levee			GPS Latitude/Longitude				
Calegory			Start		End			
Item	Erosion / Bank Caving		38.428877 °		38.428877 °			
пеш				-121.532922 °		-121.532922 °		
DWR ID DWR_RD0999_04_f _ 2015_40								
	Commont Code							

Comment Code

E2: Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Large hole and erosion on landward shoulder, slope and toe.

LM Start	1.16	Rating **	U	Issue No.	40 (cont)
LM End	1.16	Issue Type +	Ma	Location *	LS

Photo 1 of 4: SP_2017_RD0999_235_40_20170314_00027.jpg



Looking east at erosion on landward shoulder and slope. (Spring 2016)

Photo 2 of 4: SP_2017_RD0999_235_40_20170314_00028.jpg



Looking east at erosion on landward shoulder.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/23/2017 03/23/2017	Richard Willoughby

LM Start	1.16	Rating **	U	Issue No.		40 (cont)		
LM End	1.16	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Calegory				Start		End		
Item	Erosion /	Bank Caving		38.4288	77°	38.428877 °		
пеш				-121.532922 °		-121.532922 °		
DWR ID DWR_RD0999_04_f _ 2015_40								
		Comn	nent Cod	le				
E2 : Sched	E2 : Schedule repair of erosion site prior to the next inspection.							
		Inspecto	or Comm	nent				
Large hole	and erosi	on on landwai	d should	der, slope a	nd to	oe.		

Photo 3 of 4: SP_2017_RD0999_235_40_20170314_00029.jpg	
A PARTY SAME AND A CONTROL OF THE PARTY OF T	
AND THE RESERVE OF THE PARTY OF	

Looking west at caving at landward slope and toe.

Rating ** Issue No. 40 (cont) LM Start 1.16 Issue Type + LM End 1.16 Ma Location 3 LS

Photo 4 of 4: SP_2017_RD0999_235_40_20170314_00030.jpg

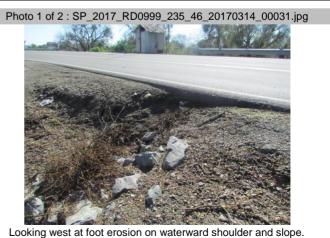


Looking southwest at shoulder erosion and caving at landward slope and

LM Start	1.18	Rating **	U	Issue No.		46	
LM End	1.18	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS La	atitud	le/Longitude	
Category			Start		End		
Erosion / Bank Caving				38.4292	01°	38.429201 °	
item			-121.533012 °		2° -121.533012°		
DWR ID DWR_RD0999_04_s _ 2016_46							
		Comn	nent Cod	de			
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spe	ction.	
		Inspecto	or Comm	nent			
Erosion located just below asphalt on waterward shoulder.							

U : Unacceptable

CR : Crown



En: Enforcement

Location Rating + Issue Type LS: Land Side Ma: Maintenance Deficiancy A : Acceptable M : Minimally Acceptable N: Not Inspected/Rated N/A: Not Applicable WS: Water Side C: Corrected Ob: Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/23/2017 03/23/2017	Richard Willoughby

LM Start	1.18	Rating **	U	Issue No.	46 (cont)		
LM End	1.18	Issue Type +	Ма	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Erosion /	Bank Caving		38.4292	01°	38.429201 °	
пеш				-121.5330	12°	-121.533012 °	
DWR ID	DWR_RD0	999_04_s _ 201	6_46				
		Comn	nent Cod	le			
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spe	ction.	
		Inspecto	or Comm	nent			
Erosion lo	Erosion located just below asphalt on waterward shoulder.						



Looking south at foot erosion on waterward shoulder and slope.

LM Start	1.20	Rating **	М	Issue No.	22		
LM End	1.22	Issue Type +	Ma	Location *	LS		
Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Trim / Thi	Trim / Thin Trees			67°	38.429750 °	
пеш				-121.5331	10°	-121.533188 °	
DWR ID	DWR_RD0	999_04_f _ 201	3_22				
		Comn	nent Cod	de			
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.							
	Inspector Comment						



Looking south at dense trees on landward slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	0.00	Rating **	M	Issue No.		163	
LM End	9.47	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Vegetatio	n		38.3326	63°	38.414112 °	
item				-121.5845	33 °	-121.523295 °	
DWR ID	DWR_RD0	999_05_s _ 201	7_163				
		Comn	nent Cod	le			
V1 : Contro	ol annual g	grass and wee	ds on th	e levee slop	oes a	and	
easements	S.						
		Inspecto	or Comm	nent			

No Photos

LM Start	0.00	Rating **	М	Issue No.		164	
LM End	9.47	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	Vegetation			63°	38.414112 °	
пеш				-121.5845	33 °	-121.523295 °	
DWR ID	DWR_RD0	999_05_s _ 201	7_164				
	Comment Code						
V1 : Contre	V1 : Control annual grass and weeds on the levee slopes and						

Inspector Comment

No Photos

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	0.02	Rating **	М	Issue No.		178	
LM End	0.05	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.3329	46°	38.333308°	
item				-121.5845	02 °	-121.584494 °	
DWR ID	DWR_RD0	999_05_s _ 201	5_178				
		Comn	nent Cod	le			
T3 : Trim a flood fight.	and thin tre	es to allow vis	sibility of	the ground	and	I room to	
		Inspecto	or Comm	nent			
Remove trees under an inch in diameter on landward slope. Don't allow young trees to get established.							



Looking at typical view of young oak trees on landward slope. (Spring 2015)

LM Start	0.04	Rating **	A/W	Issue No. 211		211
LM End	0.06	Issue Type +	Ма	Location *		WS
Catagoria Earthen Levee			GPS Latitude/Longitude			
Category						End
Item	Trim / Thi	n Trees		38.3331	60°	38.333449 °
item				-121.5844	81 °	-121.584431 °
DWR ID	DWR ID DWR_RD0999_05_s _ 2016_211					
		0		l.		

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

0.10	Rating **	A/W	Issue No.		72		
0.10	Issue Type +	Ма	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude			
		Start		End			
Trim / Thi	n Trees		38.3340	93 °	38.334093	0	
			-121.5843	39°	-121.584339	0	
DWR ID DWR_RD0999_05_f _ 2013_72							
	0.10 Earthen L Trim / Thi	0.10 Issue Type + Earthen Levee Trim / Thin Trees	0.10 Issue Type + Ma Earthen Levee Trim / Thin Trees	0.10 Issue Type + Ma Location * Earthen Levee GPS La Start Start Trim / Thin Trees 38.3340 -121.5843	0.10 Issue Type + Ma Location * Earthen Levee GPS Latitude Start Trim / Thin Trees 38.334093 ° -121.584339 °	0.10 Issue Type + Ma Location * LS Earthen Levee GPS Latitude/Longitude Start End Trim / Thin Trees 38.334093 ° 38.334093 ° -121.584339 ° -121.584339 °	

Comment Code

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Remove small oak trees from landward slope before trees are established.



Looking west at small oak trees on landward slope.

LM Start	0.11	Rating **	U	Issue No.	165		
LM End	0.12	Issue Type +	Ма	Location *	ation * WS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Slope Sta	bility		38.3341	98°	38.334327 °	
item			-121.5843	08°	-121.584275 °		
DWR ID	DWR_RD0	999_05_s _ 201	7_165				

Comment Code

S1: Repair slope instability.

Inspector Comment

Crack greater than two inches along top of half of waterward slope. Three dead trees along slope damage section. Trees should be removed.

LM Start	0.11	Rating **	U	Issue No.	165 (cont)
LM End	0.12	Issue Type +	Ma	Location *	WS

Photo 1 of 3: SP_2017_RD0999_236_165_20170324_00232.jpg



Looking at two inch plus crack on wateward shoulder.

Photo 2 of 3: SP_2017_RD0999_236_165_20170324_00233.jpg



Looking upstream at cracking along waterward shoulder.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	0.11	Rating **	U	Issue No.		165 (cont)		
LM End	0.12	Issue Type +	Ma	Location *		WS		
Category	evee	GPS Latitude/Longitude						
Calegory				Start		End		
Item	Slope Sta	bility		38.3341	98 °	38.334327°		
item			-121.5843	08°	-121.584275 °			
DWR ID DWR_RD0999_05_s _ 2017_165								
	Comment Code							

S1 : Repair slope instability.

Inspector Comment

Crack greater than two inches along top of half of waterward slope. Three dead trees along slope damage section. Trees should be removed.



Looking downstream at crack along waterward shoulder.

LM Start	0.16	Rating **	A/W	Issue No.		179	
LM End	0.23	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee	GPS Latitude/Lo		e/Longitude		
Calegory			Start		End		
Item	Trim / Thi	n Trees		38.3348	80°	38.335881 °	
item			-121.5840	79 °	-121.583598 °		
DWR ID DWR_RD0999_05_s _ 2015_179							
		C		l_			

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	0.25	Rating **	С	Issue No.		1	
LM End	0.29	Issue Type +	Ma	Location *		LS	
Category	GPS Latitude/Longitude						
Calegory				Start		End	
	Animal Co	ontrol		38.33611	3°	38.336663	0
пеш	Earthen Levee Animal Control		-121.58341	8°	-121.583027	0	
DWR ID DWR_RD0999_05_s _ 2012_1							

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	0.37	Rating **	М	Issue No.		3		
LM End	0.39	Issue Type +	Ма	Location *		WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Trim / Thi	n Trees		38.3376	97°	38.337963 °		
пеш				-121.5824	20°	-121.582352 °		
DWR ID	DWR_RD0	999_05_s _ 201	2_3					
		Comn	nent Cod	le				
T1: Trim t	rees to at l	east five feet	above g	round level.				
		Inspecto	or Comm	nent				

No Photos

LM Start	0.37	Rating **	U	Issue No.	53		
LM End	0.37	Issue Type +	Ma	Location *	LS		
Category	Earthen L		GPS Latitude/Longitude				
Calegory			Start		End		
Item	Vegetation			38.3377	53°	38.337753 °	
item			-121.5824	45 °	-121.582445 °		
DWR ID DWR_RD0999_05_s _ 2012_53							
		Comn	nent Coc	le			

V2 : Remove the wild growth other than native grasses from the levee

Inspector Comment



Looking west at dense vegetation on landward slope.

slopes.

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	0.40	Rating **	U	Issue No.		25	
LM End	0.44	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.3380	75°	38.338688 °	
item				-121.5823	322°	-121.582193 °	
DWR ID DWR_RD0999_05_s _ 2012_25							
		Comn	nent Cod	le			
V2 : Remo slopes.	ve the wild	d growth other	than na	tive grasse	s fro	m the levee	
		Inspecto	or Comm	nent			
Willows within vegetation area.							



Looking southwest at dense vegetation (willows) on landward slope.

•							
LM Start	0.44	Rating **	С	Issue No.		26	
LM End	0.45	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroach	ments		38.3386	47°	38.338868 °	
пеш				-121.5822	17°	-121.582163 °	
DWR ID	DWR_RD0	999_05_s _ 201	2_26				
		Comn	nent Cod	le			
PR : Pruni	ngs						
	Inspector Comment						

No Photos

LM Start	0.50	Rating **	A/W	Issue No.		135		
LM End	0.50	Issue Type +	Ma	Location *	LS			
Category	GPS Latitude/Longitude							
Calegory				Start		End		
Item	Trim / Thi	n Trees		38.3395	10°	38.339510°		
пеш				-121.5820	81 °	-121.582081 °		
DWR ID	DWR_RD0	999_05_f _ 201	3_135					
		Comn	nent Coo	le				
T1 : Trim t	rees to at I	east five feet	above g	round level.				
			•					
		Inspecto	or Comm	ent				
*1	*Location # Dotton							

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	0.54	Rating **	М	Issue No.	27	
LM End	0.57	Issue Type +	Ма	Location *	WS	
Category	evee	GPS La	titud	e/Longitude		
Category				Start		End
Item	Trim / Thi	n Trees		38.34012	24 °	38.340560 °
пеш				-121.58203	39°	-121.581905 °
DWR ID DWR_RD0999_05_s _ 2012_27						
	Comment Code					

T3: Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

LM Start	0.68	0.68 Rating ** U				189
LM End	0.68	Issue Type + Ma		Location *		LS
Category Earthen Levee				GPS Latitude/Longitude		
Calegory						End
Item	Vegetatio	n		38.3420	32°	38.342032 °
item				-121.5813	72 °	-121.581372 °
DWR ID DWR_RD0999_05_f _ 2014_189						
		_				

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Dense wild grapevines on landward slope.



Looking southwest at dense vegetation on landward slope and toe. (Fall 2016)

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	0.68	Rating **	U	Issue No.	189 (cont)		
LM End	0.68	Issue Type +	Ма	Location *	LS		
Cotogon/ Earthen Levee			GPS La	titud	e/Longitude		
Category				Start		End	
Item	Vegetatio	n		38.342032 °		38.342032 °	
пеш				-121.5813	72 °	-121.581372 °	
DWR ID DWR_RD0999_05_f _ 2014_189							
Comment Code							
\/2 · Domo	wo tho wile	d arouth other	than na	tivo aracco	fro	m the levee	

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Dense wild grapevines on landward slope.



Looking northwest at dense vegetation on landward slope. (Spring 2016)

LM Start	0.69	Rating **	М	Issue No.		9
LM End	0.71	Issue Type +	ssue Type + Ma			LS
Category Earthen Levee				GPS Latitude/Longitude		
Calegory			Start		End	
Item	Trim / Thi	n Trees		38.34218	80°	38.342537 °
пеш			-121.5812	30°	-121.581263 °	
DWR ID	DWR ID DWR_RD0999_05_s _ 2012_9					

Comment Code

T3: Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

LM Start	0.71	Rating **	U	Issue No.		166	_
LM End	0.71	Issue Type +	Ма	Location *		WS	
Category Earthen Levee				GPS Lati	tud	e/Longitude	
Calegory				Start		End	
Item	Encroach	ments		38.34248	3°	38.342483	0
пеш		-121.58123	5°	-121.581235	0		
DWR ID DWR_RD0999_05_s _ 2017_166							

Comment Code

TR : Tree or limb

Inspector Comment

Dead tree fallen on waterward slope. Left hole on waterward slope 10 to 12 inches.

Photo 1 of 3: SP_2017_RD0999_236_166_20170324_00236.jpg



Looking at hole left by fallen tree on waterward slope.

* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable C: Corrected A/W: Acceptable but Monitor & Maintain

** Rating

A: Acceptable N: Not Inspected/Rated Ma: Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	0.71 Rating ** U			Issue No.		166 (cont)
LM End	0.71	Issue Type +	Ма	Location *		WS
Earthen Levee			GPS Latitude/Longitude			
Category	egory					End
Item	Encroach	ments		38.34248	33°	38.342483 °
пеш			-121.58123	35 °	-121.581235 °	
DWR ID DWR_RD0999_05_s _ 2017_166						
Comment Code						

001

TR: Tree or limb

flood fight.

Inspector Comment

Dead tree fallen on waterward slope. Left hole on waterward slope 10 to 12 inches.

LM Start	0.71	Rating **	U	Issue No.	166 (cont)
LM End	0.71	Issue Type +	Ma	Location *	WS



Looking east at fallen tree on waterward slope.

Photo 3 of 3: SP_2017_RD0999_236_166_20170324_00237.jpg



Looking downstream at fallen tree on waterward slope.

LM Start	0.75	Rating **	М	Issue No.	10			
LM End	0.90	Issue Type +	Ma	Location *		WS		
Earthen Levee			GPS La	atitud	e/Longitude			
Category			Start		End			
Item	Trim / Thi	n Trees		38.343058°		38.345210	0	
ILEITI				-121.5812	63 °	-121.580713	0	
DWR ID	DWR_RD0	999_05_s _ 201	2_10					
	Comment Code							
T3 · Trim a	and thin tre	es to allow vi	sihility of	the around	and	I room to	Т	

Inspector Comment

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

					1		
LM Start	0.78	Rating **	М	Issue No.		128	
LM End	0.78	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Trim / Thi	n Trees		38.3434	95°	38.343495 °	
пеш				-121.581282 °		-121.581282 °	
DWR ID	DWR_RD0	999_05_s _ 201	2_128				
		Comn	nent Cod	le			
T3: Trim a flood fight.	and thin tre	es to allow vis	sibility of	the ground	and	room to	
		Inspecto	or Comm	nent			

		 	11 3
		7	
A STATE OF THE PARTY OF THE PAR	The Print of the Park of the Park	ACCOUNT OF THE PARTY OF THE PAR	

Photo 1 of 2: SP_2017_RD0999_236_128_20170314_00085.jpg

Looking northwest at untrimmed trees on landward slope. (Spring 2015)

LM Start	0.78	Rating **	М	Issue No.	128 (cont)
LM End	0.78	Issue Type +	Ma	Location *	LS



Looking at dense trees on landside slope and toe.

LM Start	0.93	Rating **	М	Issue No.		197	
LM End	0.95	Issue Type +	Ма	Location *		LS	
Category	Earthen L	evee		GPS L	atitud	le/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.3455	64°	38.345844	0
пеш				-121.5806	614°	-121.580458	0
DWR ID	DWR_RD0	999_05_f _ 201	4_197				
		Comn	nent Cod	le			
T1: Trim t	rees to at	east five feet	above g	round level			
		Inspecto	or Comm	ent			

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	1.00	Rating **	М	Issue No.		180		
LM End	1.02	Issue Type +	Ma	Location *		LS		
Cotogony	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Trim / Thi	n Trees		38.3464	77°	38.346864 °		
пеш				-121.5800	86°	-121.579864°		
DWR ID	DWR ID DWR_RD0999_05_s _ 2015_180							
		Comn	nent Cod	le				
T1: Trim t	rees to at l	east five feet	above g	round level.				
		Inspect	or Comm	nent				
1								

No Photos

LM Start	1.04	Rating **	М	Issue No.		146
LM End	1.06	Issue Type +	Ма	Location *		LS
Catagony	evee	GPS Latitude/Longitude				
Category				Start		End
Item	Trim / Thi	38.3470	67°	38.347331 °		
item				-121.5797	35 °	-121.579582 °
DWR ID DWR_RD0999_05_f _ 2013_146						

Comment Code

T3: Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

	1					
LM Start	1.07	Rating **	U	Issue No.		14
LM End	1.11	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS La	titud	le/Longitude
Category				Start		End
Item	Trim / Thi	n Trees		38.34742	27 °	38.347863 °
пеш				-121.5793	95 °	-121.579113°
DWR ID DWR_RD0999_05_s _ 2012_14						
		Comn	nent Cod	10		

Comment Code
T1 : Trim trees to at least five feet above ground level.

Inspector Comment



Looking west at untrimmed trees on landward slope and toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	1.15	Rating **	U	Issue No.		15	
LM End	1.19	Issue Type +	Ма	Location *	LS		
Category	Earthen Levee			GPS La	tituc	le/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.3482	37°	38.348328	٥
пеш				-121.5784	40°	-121.577735	٥
DWR ID	DWR_RD0999_05_s _ 2012_15						
	Comment Code						

T1 : Trim trees to at least five feet above ground level.

Inspector Comment



Looking north at untrimmed trees on landward slope and toe.

LM Start	1.19	Rating **	U	Issue No.		147
LM End	1.19	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee	GPS Latitude/Longitude			
Calegory				Start		End
Item	Vegetatio	n		38.3483	29°	38.348329°
пеш				-121.5777	40°	-121.577740°
DWR ID	DWR_RD0	999_05_f _ 201	3_147			

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Dense vegetation at landward toe.



Looking northwest at untrimmed trees on landward slope.

Rating
A: Acceptable
M: Minimally Acceptable
U: Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	1.30	Rating **	М	Issue No.		36		
LM End	1.30	Issue Type +	Ma	Location *		WS		
Cotogony	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Trim / Thi	n Trees		38.3482	52°	38.348252 °		
пеш				-121.5757	04°	-121.575704°		
DWR ID	DWR_RD0	999_05_s _ 201	2_36					
		Comn	nent Cod	le				
T1 : Trim t	rees to at l	east five feet	above g	round level.				
		Inspecto	or Comm	nent				

No Photos

LM Start	1.38	Rating **	М	Issue No.		198
LM End	1.38	Issue Type +	Ма	Location *		LS
Category	Earthen L	evee	GPS Latitude/Longitude			
Calegory				Start		End
Item	Trim / Thi	n Trees		38.3481	33 °	38.348133 °
пеш				-121.5743	19°	-121.574319°
DWR ID	DWR_RD0	RD0999_05_f _ 2014_198				

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	1.39	Rating **	М	Issue No.		129
LM End	1.39	Issue Type +	Ma	Location *		LS
Category	Earthen Levee			GPS La	tituc	le/Longitude
Calegory				Start		End
Item	Vegetatio	n		38.34810	0°	38.348100 °
пеш				-121.57407	'5	-121.574075 °
DWR ID DWR_RD0999_05_s _ 2012_129						

Comment Code

 $\ensuremath{\mathsf{V2}}$: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Berry vines and century plants on landside toe and slope.

Photo 1 of 2 : SP_2017_RD0999_236_129_20170314_00087.jpg



Looking southwest at berry vines on landward slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	1.39	Rating **	М	Issue No.		129 (cont)
LM End	1.39	Issue Type +	Ma	Location *		LS
Category	Earthen Levee			GPS La	atitud	le/Longitude
Calegory			Start		End	
Item	Vegetatio	n		38.3481	00°	38.348100 °
пеш				-121.5740	75 °	-121.574075 °
DWR ID	DWR_RD0999_05_s _ 2012_129					
	Comment Code					

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Berry vines and century plants on landside toe and slope.



Looking west at century plants on landward slope.

LM Start	1.46	Rating **	U	Issue No.		18
LM End	1.83	Issue Type +	Ma	Location *		LS
Category	Earthen Levee			GPS Latitude/Longitude		
Calegory				Start		End
Item	Trim / Thi	n Trees		38.3486	70°	38.353852 °
пеш			-121.5733	20°	-121.573570 °	
DWR ID	DWR_RD0999_05_s _ 2012_18					

Comment Code

T3: Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment



Looking east at dense trees on landward slope.

LM Start	1.50	Rating **	A/W	Issue No.		19	
LM End	1.53	Issue Type +	Ma	Location *		WS	
Category Earthen Levee			GPS La	atitud	e/Longitude		
Calegory			Start		End		
Item	Animal Co	ontrol		38.3491	52°	38.349582	0
пеш				-121.5734	93 °	-121.573538	0
DWR ID DWR_RD0999_05_s _ 2012_19							
Comment Code							

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	1.55	Rating **	A/W	Issue No.		20
LM End	1.61	Issue Type +	Ma	Location *		WS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Itom	Item Trim / Thin Trees			38.3498	35°	38.350717°
пеш				-121.573643 °		-121.573887 °
DWR ID	DWR_RD0	999_05_s _ 201	2_20			
		Comn	nent Cod	le		
T1 : Trim t	rees to at	least five feet	above g	round level.		
Inspector Comment						

No Photos

LM Start	1.69	Rating **	U	Issue No.	199				
LM End	1.69	Issue Type +	Ma	Location *	LS				
Category	Earthen L	arthen Levee			GPS Latitude/Longitude				
Calegory				Start		End			
Item	Vegetatio	n		38.35195	57°	38.351957 °			
пеш				-121.57409	96°	-121.574096 °			
DWR ID DWR_RD0999_05_f _ 2014_199									
Comment Code									

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Dense vegetation on landward slope.

Photo 1 of 1 : SP_2017_RD0999_236_199_20170314_00138.jpg



Looking northwest at dense vegetation on landward slope.

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	1.70	Rating **	М	Issue No.		21	
LM End	1.77	Issue Type +	Ma	Location *		WS	
Cotogony	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Trim / Thi	n Trees		38.3520	88 °	38.352968 °	
пеш				-121.5740	52 °	-121.574008°	
DWR ID	DWR ID DWR_RD0999_05_s _ 2012_21						
		Comn	nent Cod	le			
T1 : Trim t	rees to at l	east five feet	above g	round level.			
		Inspecto	or Comm	nent			

No Photos

LM Start	2.14	Rating **	M	Issue No.		Issue No.		Issue No.		24
LM End	2.16	Issue Type +	Ma	Location *		LS				
Catagoria Earthen Levee			GPS Latitude/Longitude							
Category			Start		End					
Item	Trim / Thi	n Trees		38.3554	02 °	38.355282 °				
iteiii				-121.5688	93 °	-121.568547°				
DWR ID DWR_RD0999_05_s _ 2012_24										
		C		l_						

Comment Code

T3: Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment



Looking west at dense trees on landward slope. (Spring 2015)

LM Start	2.28	Rating **	М	Issue No.		40		
LM End	2.30	Issue Type +	Ma	Location *		WS		
Category Earthen Levee			GPS La	titud	e/Longitude			
Calegory			Start		End			
Item	Trim / Thi	n Trees		38.3544	74°	38.354555 °		
пеш				-121.56670	01 °	-121.566191 °		
DWR ID DWR_RD0999_05_s _ 2012_40								
	Commont Codo							

Comment Code
T1 : Trim trees to at least five feet above ground level.

Inspector Comment

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	2.36	Rating **	М	Issue No.		42		
LM End	2.48	Issue Type +	Ма	Location *		WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Trim / Thin Trees			38.3549	16°	38.355982 °		
Item				-121.5651	67 °	-121.563561 °		
DWR ID	DWR_RD0	999_05_s _ 201	2_42					
		Comn	nent Coo	le				
T2 : Thin to	rees to allo	w visibility of	the grou	nd and rooi	m to	flood fight.		
	Inspector Comment							

No Photos

LM Start	2.51	Rating **	М	Issue No.		82
LM End	2.65	Issue Type +	Ma	Location *	LS	
Category	evee	GPS Latitude/Longitude				
Calegory				Start		End
Item	Trim / Thi	n Trees		38.35627	70°	38.358132 °
пеш				-121.5632	18 °	-121.562347 °
DWR ID DWR_RD0999_05_s _ 2012_82						
		Comn	nent Coc	le		

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment



Looking northwest at dense trees on landward slope. (Spring 2015)

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	2.70	Rating **	A/W	Issue No.		73			
LM End	2.70	Issue Type +	Ma	Location *		WS			
Category	Earthen L	evee		GPS La	atitud	le/Longitude			
Category				Start		End			
Item	Trim / Thin Trees			38.3588	88°	38.358888 °			
пеш				-121.562280 °		-121.562280 °			
DWR ID	DWR_RD0	999_05_s _ 201	2_73						
		Comn	nent Cod	de					
T2: Thin t	rees to allo	ow visibility of	the grou	nd and roo	m to	flood fight.			
	Inspector Comment								

No Photos

LM Start	2.87	Rating **	M	Issue No.		29	
LM End	3.12	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.3612	68°	38.364373	0
пеш				-121.5632	63 °	-121.561947	0
DWR ID	DWR_RD0	999_05_s _ 201	2_29				

Comment Code

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No	Photos

LM Start	2.93	Rating **	М	Issue No.		168	
LM End	2.93	Issue Type +	Ма	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
Item	Encroach	ments		38.3620	83 °	38.362083 °	
пеш				-121.5633	65 °	-121.563365 °	
DWR ID DWR_RD0999_05_s _ 2017_168							
Comment Code							

TR: Tree or limb

Inspector Comment

Fallen tree on waterward slope and shoulder.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	3.22	Rating **	М	Issue No.		191		
LM End	3.63	Issue Type +	Ma	Location *		CR		
Catagory	Earthen L	evee		GPS La	atitud	le/Longitude		
Category				Start		End		
Item		rface / Depres	ssions /	38.3646	98°	38.366911 °		
пеш	Rutting			-121.5601	58°	-121.556784°		
DWR ID DWR_RD0999_05_s _ 2014_191								
		Comn	nent Cod	le				
C3: Add a	ppropriate	gravel or roa	d base.	Grade and	com	pact.		
		Inspect	or Comm	nent				

No Photos

LM Start	3.22	Rating **	A/W	Issue No.		33
LM End	3.29	Issue Type +	Ma	Location *		LS
Category	Earthen L	.evee	GPS La	e/Longitude		
Calegory				Start	End	
Item	Trim / Thin Trees			38.3645	52°	38.364225 °
пеш				-121.5601	37°	-121.558852°
DWR ID	DWR_RD0	999_05_s _ 201	2_33			
Comment Code						
T1: Trim t	rees to at	least five feet	above a	round level.		

No Photos

Inspector Comment

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	3.39	Rating **	U	Issue No.		213		
LM End	3.39	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Trim / Thi	n Trees		38.3639	06°	38.363906 °		
item				-121.557220 ° -121.5				
DWR ID DWR_RD0999_05_s _ 2016_213								
		Comn	nent Cod	le				
T1 : Trim t	rees to at l	least five feet	above g	round level.				
		Inspecto	or Comm	nent				

LM Start	3.39	Rating **	U	Issue No.	213 (cont)
LM End	3.39	Issue Type +	Ма	Location *	LS



Looking northwest at untrimmed trees on landward toe. (Fall 2016)

Photo 2 of 2: SP_2017_RD0999_236_213_20170314_00151.jpg



Looking northwest at untrimmed trees at landward toe. (Spring 2016)

LM Start	3.44	Rating **	A/W	Issue No.		34
LM End	3.47	Issue Type +	Ма	Location *		WS
Earthen Levee				GPS La	atitud	e/Longitude
Category				Start		End
Item	Trim / Thi	n Trees		38.3641	13 °	38.364542°
пеш				-121.556507°		-121.556402°
DWR ID	DWR_RD0	999_05_s _ 201	2_34			
		Comn	nent Cod	le		
T1 : Trim t	rees to at I	east five feet	above g	round level.		
			_			
		Inspecto	or Comm	ent		

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	3.56	Rating **	М	Issue No.		173	
LM End	3.56	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Trim / Thi	n Trees		38.365882°		38.365882°	
пеш				-121.55670	62 °	-121.556762 °	
DWR ID	DWR_RD0	999_05_f _ 201	5_173				
Comment Code							
T4 : Trim t	T4 : Trim trees over roadway to at least 12 feet above ground level.						

Inspector Comment



Looking at the tree overhanging the levee crown.

LM Start	3.58	Rating **	М	Issue No.		201
LM End	3.64	Issue Type +	Ma	Location *		LS
Category Earthen Levee				GPS La	atitud	e/Longitude
Category			Start		End	
Item	Trim / Thi	n Trees		38.3661	03°	38.367035 °
пеш				-121.5568	20°	-121.556781 °
DWR ID	DWR_RD0	999_05_f _ 201	4_201			

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Landowner has planted oak trees and installed sprinklers on landward slope. Oak trees should be removed.

LM Start	3.58	Rating **	М	Issue No.	201 (cont)
LM End	3.64	Issue Type +	Ma	Location *	LS

Photo 1 of 2: SP_2017_RD0999_236_201_20170314_00140.jpg



Looking northwest at several small oak trees planted along landward slope.

Photo 2 of 2 : SP_2017_RD0999_236_201_20170314_00141.jpg



Looking west a several small oak trees planted on landward slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	3.64	Rating **	М	Issue No.		16		
LIVI Start								
LM End	3.64	Issue Type +	Ма	Location *		LS		
Category Earthen Levee				GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Encroach	ments		38.3669	58°	38.366958 °		
пеш				-121.556822 °		-121.556822 °		
DWR ID DWR_RD0999_05_s _ 2012_16								
		Comn	nent Cod	de				
EQ : Equip	ment							
		Inspecto	or Comm	nent				
Equipment stored at landward toe.								

LM Start	3.64	Rating **	М	Issue No.	16 (cont)
LM End	3.64	Issue Type +	Ma	Location *	LS



Looking northwest at equipment on landside toe.

Photo 2 of 2: SP_2017_RD0999_236_16_20170314_00018.jpg



Looking west at equipment at landside toe.

LM Start	3.80	Rating **	М	Issue No.	174				
LM End	3.80	Issue Type +	Ма	Location *	WS				
Category	Catagonia Earthen Levee			GPS La	atitud	e/Longitude			
Category				Start		End			
ltem Encroachments				38.3682	07°	38.368207 °			
				-121.5543	60°	-121.554360 °			
DWR ID	DWR ID DWR_RD0999_05_f _ 2015_174								
	Comment Code								
TR : Tree	or limb								
			_						
		Inspecto	or Comm	nent					
Downed tree branch and limbs on waterward slope.									



Looking at downed tree branch on waterward slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	3.93	Rating **	М	Issue No.		210		
LM End	3.93	Issue Type +	Ма	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory			Start		End			
Item	Slope Sta	bility		38.3687	'49 °	38.368749 °		
item				-121.5524	63 °	-121.552463 °		
DWR ID	DWR_RD0	999_05_f _ 201	6_210					
		Comn	nent Cod	le				
S3 : Repai access wh		slope damag le.	jed by ve	ehicle traffic	and	l prevent		
		Inspecto	or Comm	nent				

No Photos

LM Start	3.94	Rating **	U	Issue No.		175		
LM End	3.94	Issue Type +	Ma	Location *		LS		
Category	GPS Lat	itud	e/Longitude					
Calegory		Start		End				
Item	Trim / Thi	n Trees		38.36892	8 °	38.368928	0	
пеш				-121.55247	3 °	-121.552473	0	
DWR ID DWR_RD0999_05_f _ 2015_175								
	0 10 1							

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Thin or remove young tree from landward shoulder and slope.

Photo 1 of 2 : SP_2017_RD0999_236_175_20170314_00118.jpg



Looking west at untrimmed trees along fenceline on landward slope. (Fall 2016)

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	3.94	Rating **	U	Issue No.		175 (cont)
LM End	3.94	Issue Type +	Ma	Location *		LS
	evee	GPS La	tituc	le/Longitude		
Calegory	Category					End
	Trim / Thi	n Trees		38.36892	28°	38.368928 °
пеш	Item				'3 °	-121.552473 °
DWR ID DWR_RD0999_05_f _ 2015_175						
		_	. ^			

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Thin or remove young tree from landward shoulder and slope.



Looking at young trees on waterward shoulder and slope. (Spring 2016)

LM Start	3.98	Rating **	U	Issue No.		41
LM End	4.05	Issue Type +	Ma	Location *		WS
Category	evee	GPS La	atitud	le/Longitude		
Calegory				Start		End
Item	Trim / Thi	n Trees		38.3694	40°	38.370398°
пеш				-121.5527	47°	-121.553373 °
DWR ID DWR_RD0999_05_s _ 2012_41						

Comment Code

T3: Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Control oak saplings on waterward slope.

Photo 1 of 1: SP_2017_RD0999_236_41_20170314_00034.jpg



Looking northeast at untrimmed trees on waterward slope.

LM Start	4.25	Rating **	U	Issue No.		12
LM End	4.25	Issue Type +	Ма	Location *	WS	
Category	evee	GPS La	titud	e/Longitude		
Calegory	Category					End
Item	Slope Sta	bility		38.37287	72 °	38.372872 °
пеш			-121.55218	35 °	-121.552185 °	
DWR ID	D DWR_RD0999_05_s _ 2017_12					
Comment Code						

S1: Repair slope instability.

Inspector Comment

Large slough on waterward slope.



Looking downstream at finger erosion on downstream side of slough.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

		II.					
LM Start	4.25	Rating **	U	Issue No.		12 (cont)	
LM End	4.25	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Slope Sta	bility		38.3728	372°	38.372872 °	
пеш				-121.5521	85 °	-121.552185 °	
DWR ID DWR_RD0999_05_s _ 2017_12							
		Comn	nent Cod	de			
S1 : Repai	ir slope ins	tability.					
		Inspecto	or Comm	nent			
Large slough on waterward slope.							



LM Start	4.35	Rating **	С	Issue No.		45	
LM End	4.37	Issue Type +	Ma	Location *	WS		
Category	evee	GPS Lat	itud	e/Longitude			
Calegory	Category					End	
Item	Trim / Thi	n Trees		38.37416	o°	38.374410 °	
пеш	item					-121.551157 °	
DWR ID	DWR_RD0999_05_s _ 2012_45						
Comment Code							

T3: Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

LM Start	4.42	Rating **	A/W	Issue No.	57			
LM End	4.46	Issue Type +	Ma	Location *	LS			
Category Earthen Levee			GPS Latitude/Longitude					
Calegory			Start		End			
Item	Trim / Thi	n Trees		38.37486	66°	38.375061 °		
пеш				-121.55049	91 °	-121.549800 °		
DWR ID DWR_RD0999_05_s _ 2012_57								
	Comment Code							

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment



Looking northwest at dense trees on landward slope. (Spring 2015)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	4.45	Rating **	A/W	Issue No.		130		
LM End	4.45	Issue Type +	Ма	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Trim / Thi	n Trees		38.3750	34°	38.375034°		
пеш	-121.5498					-121.549892 °		
DWR ID	DWR ID DWR_RD0999_05_f _ 2013_130							
		Comn	nent Cod	de				
T1: Trim t	rees to at	least five feet	above g	round level.				
		Inspect	or Comm	nent				

No Photos

LM Start	4.47	Rating **	A/W	Issue No.		47			
LM End	4.53	Issue Type +	Ma	Location *		LS			
Category Earthen Levee			GPS Latitude/Longitude						
Calegory			Start		End				
Item	Trim / Thi	n Trees		38.375072°		38.375057 °			
пеш				-121.54954	17 °	-121.548357 °			
DWR ID	DWR_RD0	999_05_s _ 201	2_47						
Comment Code									
T3 : Trim a	and thin tre	es to allow vis	sibility of	the ground	and	room to			

No Photos

flood fight.

Inspector Comment

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	4.50	Rating **	A/W	Issue No.		58		
LM End	4.60	Issue Type +	Ma	Location *		WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Trim / Thi	n Trees	38.3750	99°	38.375211 °			
пеш	nem			-121.549068 °		-121.547158 °		
DWR ID	DWR_RD0	999_05_s _ 201	2_58					
		Comn	nent Coc	le				
T3 : Trim a flood fight.	T3: Trim and thin trees to allow visibility of the ground and room to flood fight.							
Inspector Comment								

No Photos

LM Start	4.51	Rating **	A/W	Issue No.		38
	-			1		
LM End	4.64	Issue Type +	Ма	Location *		LS
Category Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End	
Item	Trim / Thi	m / Thin Trees			55 °	38.375313 °
item				-121.54879	92 °	-121.546438°
DWR ID DWR_RD0999_05_s _ 2012_38						
		Comp	nont Coc	40		

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

LM Start	4.51	Rating **	A/W	Issue No.	38 (cont)
LM End	4.64	Issue Type +	Ma	Location *	LS





Looking northwest at dense trees on landside slope. (Spring 2011)

Photo 2 of 3: SP_2017_RD0999_236_38_20170314_00030.jpg



Looking west at trimmed trees on landside slope. (Spring 2012)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

		D :: **						
LM Start	4.51	Rating **	A/W	Issue No.		38 (cont)		
LM End	4.64	Issue Type +	Ma	Location *		LS		
Category	evee	GPS La	titud	le/Longitude				
Category			Start		End			
ltom	Trim / Thin Trees			38.3750	55 °	38.375313 °		
item	Item		-121.54879	92 °	-121.546438 °			
DWR ID	DWR_RD0	999_05_s _ 201	2_38					
Comment Code								
T2 : Thin to	T2 : Thin trees to allow visibility of the ground and room to flood fight.							

Inspector Comment



Looking west at dense trees on landside slope. (Spring 2011)

LM Start	4.51	Rating **	М	Issue No.		32	
LM End	4.85	Issue Type +	Ма	Location *		CR	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
Item	Crown Su	ssions /	38.3750	84°	38.377176 °		
iteiii	Rutting			-121.548750 °		-121.543571 °	
DWR ID	ID DWR_RD0999_05_f _ 2012_32						

Comment Code

C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.

Inspector Comment



Looking north at vegetation on levee crown.

LM Start	4.51	Rating **	A/W	Issue No.		49	
LM End	4.58	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Animal Co	ontrol		38.3750	50°	38.375077 °	
пеш				-121.5487	17°	-121.547512 °	
DWR ID DWR_RD0999_05_s _ 2012_49						·	
	Comment Code						

A1: Exterminate rodents and backfill and compact or grout burrows. Inspector Comment

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	4.65	Rating **	N	Issue No.		62		
LM End	4.65	Issue Type +	Ma	Location *		WS		
Category	evee	GPS La	atitud	e/Longitude				
Calegory				Start		End		
Item	Trim / Thin Trees				60°	38.375360°		
пеш			-121.546291 °		-121.546291 °			
DWR ID DWR_RD0999_05_s _ 2012_62								
	Comment Code							
T5 : Tree s	stumps.							
	Inspector Comment							

No Photos

LM Start	4.65	Rating **	С	Issue No.		50		
LM End	4.65	Issue Type +	Ma	Location *	LS			
Category Earthen Levee				GPS La	atitud	e/Longitude		
				Start		End		
Encroachments			38.375373 °		38.375373	0		
пеш	item				00°	-121.546200	٥	
DWR ID	DWR_RD0	999_05_s _ 201	2_50					
	Comment Code							
TR : Tree	or limb							
Inspector Comment								

Old tree limbs on landward shoulder blocking access.

No Photos

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

				II.			
LM Start	4.67	Rating **	A/W	Issue No.		52	
LM End	4.67	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thi		38.3754	78°	38.375478 °		
nem				-121.545852 °		° -121.545852°	
DWR ID DWR_RD0999_05_s _ 2012_52							
		Comn	nent Cod	le			
T1: Trim t	rees to at	east five feet	above g	round level			
Inspector Comment							



Looking west at untrimmed trees on landward toe. (Spring 2015)

LM Start	4.69	Rating **	A/W	Issue No.		63	
LM End	4.71	Issue Type +	Ma	Location *		WS	
Category	evee	GPS Lat	ituc	le/Longitude			
Calegory						End	
Item	Trim / Thi	n Trees		38.37556	6°	38.375775 °	
пеш				-121.54567	6°	-121.545255 °	
DWR ID DWR_RD0999_05_s _ 2012_63							
	Comment Code						

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

	LM Start	4.71	Rating **	С	Issue No.		61	
	LM End	4.75	Issue Type +	Ma	Location *		LS	
	Category	GPS Latitude/Longitude						
Category					Start		End	
	Item	Vegetation			38.3757	69°	38.376074	0
	пеш				-121.5452	58°	-121.544799	0
	DWR ID DWR_RD0999_05_f _ 2012_61							
			_					

Comment Code

 $\ensuremath{\mathsf{V2}}$: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Dense vegetation at landside toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	4.76	Rating **	С	Issue No.		154			
LM End	4.76	Issue Type +	Ма	Location *		LS			
Category	evee	GPS La	atitud	le/Longitude					
Calegory				Start		End			
Item	Slope Sta	Slope Stability 38.376257 ° 38.3762							
пеш				-121.5445	78 °	-121.544578 °			
DWR ID	DWR ID DWR_RD0999_05_f _ 2013_154								
		Comn	nent Cod	le					
S3 : Repai access wh		slope damag le.	ed by ve	ehicle traffic	anc	l prevent			
		Inspecto	or Comm	nent					
Levee dan	Levee damaged by vehicle traffic.								
1									

No Photos

LM Start	4.78	Rating **	С	Issue No.	64			
LM End	4.78	Issue Type +	Ma	Location *	LS			
Category	evee	GPS Latitude/Longitude						
Calegory	Category					End		
Item	Trim / Thi		38.37643	32°	38.376432 °			
пеш				-121.54438	32 °	-121.544382 °		
DWR ID	DWR_RD0	999_05_s _ 201	2_64					
Comment Code								
T1 : Trim trees to at least five feet above ground level.								

No Photos

Inspector Comment

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	4.81	Rating **	С	Issue No.		54			
LM End	4.81	Issue Type +	Ma	Location *		LS			
Cotogony	Earthen L	evee		GPS La	atitud	e/Longitude			
Category				Start		End			
Item	Trim / Thi	n Trees		38.3767	17°	38.376717°			
пеш				-121.544017 °		-121.544017 °			
DWR ID	DWR ID DWR_RD0999_05_s _ 2012_54								
		Comn	nent Cod	le					
T4: Trim t	rees over i	roadway to at	least 12	feet above	grou	und level.			
		Inspecto	or Comm	nent					

LM Start	5.07	Rating **	A/W	Issue No.		65			
LM End	5.07	Issue Type +	Ma	Location *		LS			
Catagony	Earthen L	evee	GPS La	atitud	e/Longitude				
Calegory	Category					End			
Item	Encroach	ments		38.3797	'11 °	38.379711 °			
пеш				-121.541070 °		-121.541070°			
DWR ID	DWR_RD0	999_05_s _ 201	2_65						
		Comn	nent Cod	de					
PR : Pruni	ngs								
Inspector Comment									
Prunings and garbage pile on landside shoulder and slope									



Looking south at prunings and garbage on landward shoulder and slope. (Fall 2016)

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	5.07	Rating **	A/W	Issue No.	65 (cont)				
LM End	5.07	Issue Type +	Ma	Location *	LS				
Category	evee	GPS La	atitud	e/Longitude					
Category				Start		End			
Item	Encroach	ments		38.3797	'11 °	38.379711 °			
пеш	-121.541070° -121.								
DWR ID DWR_RD0999_05_s _ 2012_65									
		Comn	nent Cod	de					
PR : Pruni	ngs								
		Inspecto	or Comm	nent					
Prunings and garbage pile on landside shoulder and slope.									



Looking east at garbage and prunings on landward shoulder. (Spring 2016)

LM Start	5.12	Rating **	U	Issue No.	176			
LM End	5.12	Issue Type +	Ma	Location *	WS			
Category Earthen Levee				GPS Latitude/Longitude				
				Start		End		
Item	Slope Sta	bility		38.3804	20°	38.380420	٥	
пеш				-121.5411	02 °	-121.541102	٥	
DWR ID DWR_RD0999_05_f _ 2015_176								
Comment Code								

S1: Repair slope instability.

Inspector Comment

Large hole on waterward shoulder caused by fallen tree.

LM Start	5.12	Rating **	U	Issue No.	176 (cont)
LM End	5.12	Issue Type +	Ma	Location *	WS

Photo 1 of 3: SP_2017_RD0999_236_176_20170314_00120.jpg



Looking at hole from falling tree on waterward shoulder. (Fall 2016)

Photo 2 of 3: SP_2017_RD0999_236_176_20170314_00121.jpg



Looking at hole on waterward shoulder caused by fallen tree.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

	_					
LM Start	5.12	Rating **	U	Issue No.	176 (cont)	
LM End	5.12	Issue Type +	Ma	Location *	WS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Slope Sta	bility		38.3804	20°	38.380420 °
item		-121.541102 °		-121.541102°		
DWR ID	DWR ID DWR_RD0999_05_f _ 2015_176					
		Comn	nent Cod	le		
S1 : Repai	ir slope ins	tability.				
		Inspecto	or Comm	nent		
Large hole	on waterv	vard shoulder	caused	by fallen tre	e.	



Looking at fallen tree and hole on waterward slope and shoulder.

M	Issue No.	215			
Ла	Location *	WS			
	GPS La	atitud	e/Longitude		
	Start		End		
Encroachments		63°	38.381763°		
DWR_RD0999_05_s _ 2016_215					
t Coc	le				
omm	ent				
and	slope				
	la 15 Coc	Ma Location * GPS La Start 38.3817 -121.5459	Ala Location * GPS Latitud Start 38.381763 ° -121.545904 ° 15 Code		



Looking southeast at concrete rubble piled on waterward shoulder.

LM Start	5.47	Rating **	U	Issue No.		67
LM End	5.52	Issue Type +	Ма	Location *		WS
Earthen Levee		GPS La	atitud	e/Longitude		
Category			Start		End	
Item	Trim / Thin Trees		38.382454°		38.383141 °	
item				-121.546579 °		-121.546870 °
DWR ID	DWR_RD0	999_05_s _ 201	2_67			
Comment Code						
T1 : Trim trees to at least five feet above ground level.						

Inspector Comment



Looking north at dense vegetation on landward shoulder and slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement
CR : Clowii	O . Onacceptable	AVV . Acceptable but Worldon & Maintain	Lii. Liiioiceilielit

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	5.48	Rating **	М	Issue No.	68		
LM End	5.48	Issue Type +	Ma	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory			Start		End		
Item	Trim / Thi	n Trees		38.382553 ° 38.38255			0
пеш		-121.546651 °		-121.546651	0		
DWR ID	DWR_RD0999_05_s _ 2012_68						
Comment Code							

T1 : Trim trees to at least five feet above ground level.

Inspector Comment



Looking northeast at untrimmed trees on landward slope. (Spring 2015)

LM Start	5.49	Rating **	М	Issue No.		70
LM End	5.49	Issue Type +	Ma	Location *		LS
Category Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End	
Itom	Item Trim / Thin Trees			38.3826	98 °	38.382698 °
пеш				-121.546711 °		-121.546711 °
DWR ID	DWR_RD0999_05_s _ 2012_70					

Comment Code

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment



Looking southwest at untrimmed tree on waterside shoulder and slope.

Rating
A: Acceptable
M: Minimally Acceptable
U: Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	5.50	Rating **	U	Issue No.		71
LM End	5.55	Issue Type +	Ma	Location *	WS	
Category Earthen Levee		GPS La	titud	le/Longitude		
		Start		End		
Vegetation		38.382790 °		38.383548 °		
пеш				-121.546754 °		-121.546728 °
DWR ID	DWR_RD0	999_05_s _ 201	2_71			
		Comn	nent Coo	le		
V2 : Remove the wild growth other than native grasses from the levee slopes.						

Inspector Comment



Looking northeast at dense vegetation on waterside slope.

LM Start	5.56	Issue No.		203			
LM End	5.61	Issue Type +	Ма	Location *	* LS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Item	Trim / Thi	Trim / Thin Trees			40°	38.384218 °	
item				-121.5466	28°	-121.546095 °	
DWR ID	DWR_RD0999_05_f _ 2014_203						
Comment Code							

T1: Trim trees to at least five feet above ground level.

Inspector Comment



Looking at untrimmed trees on landward slope and toe.

LM Start	5.58	Rating **	М	Issue No.		182	
LM End	5.58	Issue Type +	Ma	Location *	LS		
Category Earthen Levee			GPS La	titud	e/Longitude		
Calegory				Start		End	
Item	Trim / Thi	Frim / Thin Trees		38.3839	11°	38.383911	0
пеш				-121.5465	16°	-121.546516	0
DWR ID	DWR_RD0	999_05_s _ 201	5_182				

T4: Trim trees over road

	-121.546516	0	-121.546516	0						
0_05_s _ 2015_182										
Comment Code										
dway to at least 12 feet above ground level.										
Inspector Comm	ent									

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	5.58	Rating **	A/W	Issue No.		192		
LM End	5.58	Issue Type +	Ма	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Calegory				Start		End		
Item	Encroachments			38.3839	78°	38.383978 °		
пеш				-121.5464	35 °	-121.546435 °		
DWR ID	DWR_RD0	DWR_RD0999_05_s _ 2014_192						
		Comn	nent Cod	le				
PR : Pruni	ngs							
		Inspecto	or Comm	nent				
Landowne	r pile pruni	ings on landsi	de slope					



Looking west at prunings on landward slope and toe.

5.80 Rating ** A/W		Issue No.		48			
5.84	Issue Type +	Ma	Location *	Location * LS			
Category Earthen Levee				GPS Latitude/Longitude			
		Start		End			
Vegetatio	n		38.3847	18°	38.384930 °		
		-121.5425	90°	-121.541883 °			
ID DWR_RD0999_05_s _ 2012_48							
	Earthen L	Earthen Levee Vegetation	Earthen Levee Vegetation	Earthen Levee GPS La Start Vegetation 38.3847 -121.5425	Earthen Levee GPS Latitud Start Vegetation 38.384718 ° -121.542590 °		

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Dense vegetation at landward slope and toe.

LM Start	5.80	Rating **	A/W	Issue No.	48 (cont)
LM End	5.84	Issue Type +	Ma	Location *	LS





Looking west at dense vegetation on landward slope and toe. Fall 2015

Photo 2 of 2 : SP_2017_RD0999_236_48_20170314_00043.jpg



Looking east at dense vegetation on landward slope. (Spring 2015)

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	5.84	Rating **	A/W	Issue No.		59
LM End	5.84	Issue Type +	Ma	Location *		WS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Animal Co	ontrol		38.3848	67°	38.384867 °
пеш				-121.541845 °		-121.541845 °
DWR ID	DWR_RD0	999_05_s _ 201	2_59			
		Comn	nent Cod	le		
A1 : Exterr	minate rod	ents and back	fill and c	compact or	grou	t burrows.
		Inspecto	or Comm	nent		

No Photos

LM Start	5.89	Rating **	М	Issue No.		217
LM End	7.58	Issue Type +	Ma	Location *		CR
Category Earthen Levee			GPS La	atitud	e/Longitude	
Calegory			Start		End	
Crown Surface / Depressions /			38.385307°		38.404057 °	
пеш	Rutting			-121.541157 °		-121.541789°
DWR ID	DWR_RD0	999_05_s _ 201	6_217			
		Comn	nent Coc	le		
C3 : Add appropriate gravel or road base. Grade and compact.						

Inspector Comment

No Photos

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	5.93	Rating **	С	Issue No.		39		
LM End	5.93	Issue Type +	Ма	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Encroachments ltem			38.3857	29°	38.385729			
пеш			-121.540863 °		-121.540863			
DWR ID	DWR_RD0	999_05_s _ 201	3_39					
		Comn	nent Cod	le				
TR : Tree	or limb							
		Inspecto	or Comm	nent				
Large dow	Large downed trees and vegetation blocking landward toe.							

No Photos

LM Start	6.13	Rating **	М	Issue No.	60		
LM End	6.13	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS La	atitud	e/Longitude		
Calegory		Start		End			
Item	Trim / Thi	n Trees		38.3882	25°	38.388225	0
ILEIII				-121.5426	97°	-121.542697	0
DWR ID	DWR_RD0	DWR_RD0999_05_s _ 2012_60					
Comment Code							

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment



Looking north at dense trees on landward slope. (Spring 2015)

6.19	Rating **	M	Issue No.		225	
6.19	Issue Type +	Ma	Location *		LS	
Earthen L	evee		GPS L	atitud	e/Longitude	
			Start		End	
Encroach	ments		38.3890)15°	38.389015	0
			-121.543003 °		-121.543003	0
DWR_RD0	999_05_s _ 201	7_225				
	Comn	nent Cod	le			
or limb						
	Inspecto	or Comm	nent			
b on landy	vard slope.					
	6.19 Earthen L Encroach DWR_RD0 or limb	6.19 Issue Type + Earthen Levee Encroachments DWR_RD0999_05_s _ 201 Comnor limb	6.19 Issue Type + Ma Earthen Levee Encroachments DWR_RD0999_05_s _ 2017_225 Comment Cocor limb Inspector Comm	6.19 Issue Type + Ma Location * Earthen Levee GPS L Start Encroachments 38.3890 -121.5430 DWR_RD0999_05_s _ 2017_225 Comment Code or limb Inspector Comment	6.19 Issue Type + Ma Location * Earthen Levee	6.19 Issue Type + Ma Location * LS Earthen Levee

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	6.22	Rating **	A/W	Issue No.		183	
LM End	6.22	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.3893	92°	38.389392 °	
Item				-121.5429	58°	-121.542958 °	
DWR ID	DWR ID DWR_RD0999_05_s _ 2015_183						
	Comment Code						
T2 : Thin to	rees to allo	w visibility of	the grou	nd and roo	n to	flood fight.	
Inspector Comment							

No Photos

LM Start	6.34	Rating **	С	Issue No.		75
LM End	6.43	Issue Type +	Ma	Location *		LS
Category	Catagonia Earthen Levee			GPS Latitude/Longitude		
Calegory	itegory			Start		End
Item	Trim / Thin Trees			38.39054	1°	38.391396°
пеш	"			-121.54136	0°	-121.540038°
DWR ID	DWR ID DWR_RD0999_05_s _ 2012_75					
Comment Code						
T3 : Trim a	and thin tre	es to allow vis	sibility of	the ground	and	room to

No Photos

flood fight.

Inspector Comment

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	6.43	Rating **	U	Issue No.		92
LM End	6.48	Issue Type +	Ма	Location *		LS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Encroach	ments		38.3913	55°	38.391776°
item				-121.5401	13 °	-121.539295 °
DWR ID	DWR ID DWR_RD0999_05_s _ 2012_92					
Comment Code						
PR : Prunii	ngs					
Inspector Comment						
Large prun and slope.	ing piles a	ind fallen tree	on wate	rward and I	and	ward shoulder

					,
LM Start	6.43	Rating **	U	Issue No.	92 (cont)
LM End	6.48	Issue Type +	Ma	Location *	LS



Looking east at fallen tree and pruning on landward and waterward shoulder and slope.

Photo 2 of 2: SP_2017_RD0999_236_92_20170324_00249.jpg



Looking east at tree branches and limbs on waterward and landward shoulder and slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

				II.			
LM Start	6.44	Rating **	U	Issue No.		181	
LM End	6.44	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.3915	02°	38.391502°	
пеш				-121.539897°		-121.539897°	
DWR ID DWR_RD0999_05_f _ 2015_181							
	Comment Code						
T1 : Trim trees to at least five feet above ground level.							
Inspector Comment							
Untrimmed trees on landward slope and toe.							



Looking northwest at untrimmed trees on landward slope and toe.

LM Start	6.55	Rating **	М	Issue No.		115	
LM End	6.55	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	ategory			Start		End	
Item	Trim / Thin Trees			38.39265	8 °	38.392658 °	
пеш				-121.53900	7°	-121.539007 °	
DWR ID DWR_RD0999_05_s _ 2017_115							
Comment Code							

Comment Code

T4 : Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

No	Photos

LM Start	6.60	Rating **	С	Issue No.		219	
LM End	6.60	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	le/Longitude		
Category				Start		End	
Item	Encroachments			38.393356 °		38.393356°	
пеш				-121.5392	13 °	-121.539213 °	
DWR ID	DWR_RD0	999_05_s _ 201	6_219				
		Comn	nent Cod	de			
TR : Tree	or limb						

Inspector Comment

Tree branch and limbs on landward slope.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

-						
LM Start	6.78	Rating **	М	Issue No.		186
LM End	6.78	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Trim / Thin Trees			38.3958	90°	38.395890°
пеш				-121.538917 °		-121.538917°
DWR ID	DWR ID DWR_RD0999_05_f _ 2015_186					
		Comn	nent Cod	le		
T1 : Trim t	rees to at	east five feet	above g	round level.		
		Inspecto	or Comm	nent		

No Photos

LM Start	6.85	Rating **	U	Issue No.		204	
LM End	7.49	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory		Start		End			
ltom	Trim / Thi	n Trees		38.3963	79°	38.403600 °	
пеш	Item -1		-121.5378	14°	-121.540311 °		
DWR ID DWR_RD0999_05_f _ 2014_204							
	Comment Code						

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Trees at landward toe blocking visibility.

Photo 1 of 1 : SP_2017_RD0999_236_204_20170314_00144.jpg



Looking northwest at dense trees at landward toe.

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	6.95	Rating **	A/W	Issue No.		142	
LM End	6.95	Issue Type +	Ma	Location *		LS	
Cotogon	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroach	ments		38.3969	58°	38.396958°	
пеш				-121.5361	48 °	-121.536148 °	
DWR ID DWR_RD0999_05_s _ 2013_142							
		Comn	nent Cod	le			
PR : Pruni	ngs						
		Inspect	or Comm	nent			
Large pruning pile on landward shoulder and slope.							

No Photos

LM Start	7.15	Rating **	М	Issue No.		184		
LM End	7.15	Issue Type +	Ma	Location * LS				
Catagory	Earthen Levee				GPS Latitude/Longitude			
Category			Start		End			
Item	Trim / Thi	n Trees		38.3997	61 °	38.399761		

DWR ID DWR_RD0999_05_s _ 2015_184

Comment Code

-121.536565 °

-121.536565 °

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	8.14	Rating **	A/W	Issue No.		117	
LM End	8.14	Issue Type +	Ma	Location *	LS		
Category Earthen Levee			GPS La	titud	e/Longitude		
Calegory		Start		End			
Itom	Trim / Thi	n Trees		38.40985	5 °	38.409855	0
Item		-121.53938	2 °	-121.539382	0		
DWR ID DWR_RD0999_05_s _ 2012_117							
Comment Code							

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

Location	
LS: Land Side	N/A: Not Applicable
WS: Water Side	
CD · Crown	

* Rating
A: Acceptable
M: Minimally Acceptable
U: Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	8.14	Rating **	М	Issue No.		205
LM End	8.14	Issue Type +	Ма	Location *		WS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Trim / Thi	n Trees		38.4098	76°	38.409876 °
пеш				-121.5393	-121.539348 °	
DWR ID DWR_RD0999_05_f _ 2014_205						
		Comn	nent Cod	le		
T4 : Trim t	rees over i	roadway to at	least 12	feet above	grou	und level.
		Inspecto	or Comm	nent		

No Photos

LM Start	8.15	Rating **	М	Issue No.		220	
LM End	8.42	Issue Type +	Ma	Location *		CR	
Category Earthen Levee				GPS La	titud	le/Longitude	
				Start		End	
Item		rface / Depres	ssions /	38.40989	92 °	38.408612	0
пеш	Rutting			-121.53922	25 °	-121.534570	0
DWR ID DWR_RD0999_05_s _ 2016_220							
Comment Code							

C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.

Inspector Comment

No Photos

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	8.22	Rating **	U	Issue No.		206	
LM End	8.22	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS L	atitud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.4096	79°	38.409679°	
пеш	item				20°	-121.537920 °	
DWR ID DWR_RD0999_05_f _ 2014_206							
		Comn	nent Cod	de			
T1: Trim t	rees to at	least five feet	above g	round level			
		Inspecto	or Comm	nent			



Looking west at untrimmed trees on landward toe.

LM Start	8.22	Rating **	U	Issue No.		118	
LM End	8.22	Issue Type +	Ма	Location *		WS	
Earthen Levee				GPS Latitude/Longitude			
Calegory	category			Start		End	
Item	Trim / Thi	n Trees		38.4096	65 °	38.409665	0
пеш	em			-121.5378	98°	-121.537898	0
DWR ID	DWR_RD0	999_05_s _ 201	2_118				

Comment Code

T1: Trim trees to at least five feet above ground level.

Inspector Comment

Photo 1 of 1 : SP_2017_RD0999_236_118_20170314_00082.jpg

Looking northeast at untrimmed trees on watward slope.

LM Start	8.24	Rating **	С	Issue No.		119		
LM End	8.24	Issue Type +	Ма	Location *	WS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Encroach	ments		38.4095	80°	38.409580 °		
item				-121.5375	87°	-121.537587 °		
DWR ID	DWR ID DWR_RD0999_05_s _ 2012_119							
		Comn	nent Cod	le				
PR : Pruni	ngs							
		Inspecto	or Comm	nent				

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	8.26	Rating **	A/W	Issue No.		120	
LM End	8.31	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.4094	67°	38.409145 °	
пеш				-121.537157°		-121.536390 °	
DWR ID	DWR ID DWR_RD0999_05_s _ 2012_120						
		Comn	nent Cod	le			
T1: Trim t	rees to at l	east five feet	above g	round level.			
		Inspecto	or Comm	nent			

No Photos

LM Start	8.27	Rating **	A/W	Issue No.		69	
LM End	9.43	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS La	titud	le/Longitude	
Category				Start		End	
Item	Animal Co	ontrol		38.4094	45 °	38.413717°	
пеш				-121.5369	80°	-121.523813 °	
DWR ID	999_05_s _ 201						
Comment Code							

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

No Photos

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	8.29	Rating **	U	Issue No.	194		
LM End	8.29	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.4093	19°	38.409319°	
item				-121.5366	-121.536678 °		
DWR ID DWR_RD0999_05_s _ 2014_194							
		Comn	nent Cod	le			
T1 : Trim t	rees to at l	east five feet	above g	round level.			
		Inspecto	or Comm	ent			
Trees blocking view of landward slope.							



Looking southeast at untrimmed trees on landward slope.

LM Start	8.53	Rating **	С	Issue No.		122
LM End	8.53	Issue Type +	Ma	Location *	LS	
Category Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End	
Item	Encroach	ments		38.409700 °		38.409700 °
пеш				-121.5332	17°	-121.533217 °
DWR ID DWR_RD0999_05_s _ 2012_122						
Comment Code						

TR : Tree or limb

Inspector Comment

N.	o F	Эh.	∩t:	ne

LM Start	8.61	Rating **	М	Issue No.		123	
LM End	8.61	Issue Type +	Ma	Location *		LS	
Catagory	Earthen Levee			GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Trim / Thin Trees			38.4104	34 °	38.410434	0
пеш				-121.5320	50°	-121.532050	0
DWR ID	DWR_RD0	999_05_s _ 201	2_123				
		Comn	nent Coc	le			

T4 : Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	8.63	Rating **	A/W	Issue No.		208			
LM End	8.63	Issue Type +	Ma	Location *		WS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Calegory			Start		End				
Item	Trim / Thi	38.4106	50°	38.410650 °					
пеш			-121.531635 °		-121.531635 °				
DWR ID	DWR ID DWR_RD0999_05_f _ 2014_208								
		Comn	nent Cod	le					
T4: Trim t	rees over	roadway to at	least 12	feet above	grou	und level.			
		Inspecto	or Comm	nent					

No Photos

LM Start	8.64	Rating **	М	Issue No.	223		
LM End	8.72	Issue Type +	Ma	Location *		CR	
Category	Earthen L	GPS Latitude/Longitude					
Calegory			Start		End		
Item	Vegetation			38.41069	6°	38.411560 °	
пеш			-121.53158	tart End 410696 ° 38.411560	-121.530479 °		
DWR ID DWR_RD0999_05_f _ 2016_223							
		Comn	nent Coc	le			

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

Control growth on levee crown



Looking east at overgrowth on levee crown.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	8.75	Rating **	A/W	Issue No.		91				
LM End	8.75	Issue Type +	Ma	Location *		WS				
Cotogony	Earthen L	evee		GPS La	atitud	e/Longitude				
Category			Start		End					
Item	Trim / Thi	n Trees		38.4115	67°	38.411567 °				
пеш				-121.529902 °		-121.529902 °				
DWR ID	DWR ID DWR_RD0999_05_s _ 2012_91									
		Comn	nent Cod	de						
T1: Trim t	rees to at	least five feet	above g	round level.						
		Inspect	or Comm	nent						

No Photos

LM Start	8.78	Rating **	С	Issue No.	108				
LM End	8.78	Issue Type +	Ma	Location *		WS			
Category Earthen Levee				GPS La	atitud	le/Longitude			
Calegory		Start		End					
Item	Encroach	Encroachments			53°	38.412053	0		
пеш		-121.529752 °		-121.529752	0				
DWR ID	DWR_RD0	999_05_s _ 201	2_108						
		Comn	nent Cod	le					
PR : Prunir	ngs								
	-								
		Inspecto	or Comm	nent					

No Photos

LM Start	9.00	Rating **	A/W	Issue No.		209	
LM End	9.03	Issue Type +	Ма	Location *		LS	
Catagony	Earthen Levee			GPS Latitude/Longitude			
Category			Start		End		
Item	Trim / Thin Trees			38.415201 °		38.415628°	
item			38.415201 ° 38.415620 -121.529612 ° -121.52926	-121.529262 °			
DWR ID	DWR_RD0	999_05_f _ 201	4_209				
		Comn	nent Cod	le			
T4 : Trim t	rees over	roadway to at	least 12	feet above	grou	und level.	

Inspector Comment

No Photos

* Location	
LS: Land Side	N/A: Not Applicable
WS: Water Side	

* Rating
A: Acceptable
M: Minimally Acceptable
U: Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

LM Start	9.17	Rating **	М	Issue No.		109
LM End	9.19	Issue Type +	Ma	Location *		LS
Category	Earthen Levee			GPS Latitude/Longitude		
Calegory				Start		End
Item	Trim / Thin Trees			38.415495 °		38.415278 °
пеш				-121.527217 °		-121.527005 °
DWR ID DWR_RD0999_05_s _ 2012_109						
Comment Code						
T1 : Trim trees to at least five feet above ground level.						
Inspector Comment						

No Photos

LM Start	9.25	Rating **	A/W	Issue No.	110		
LM End	9.30	Issue Type +	Ma	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
			Start		End		
Trim / Thin Trees			38.414550 °		38.413940 °		
item				-121.526398°		-121.525902 °	
DWR ID	DWR ID DWR_RD0999_05_s _ 2012_110						
Comment Code							
T1: Trim trees to at least five feet above ground level.							

No Photos

Inspector Comment

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/22/2017 03/23/2017	Richard Willoughby

	_						
LM Start	9.32	Rating **	М	Issue No.		112	
LM End	9.35	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Trim / Thin Trees			38.413673°		38.413412°	
пеш			-121.525558 °		8° -121.525190°		
DWR ID DWR_RD0999_05_s _ 2012_112							
Comment Code							
T2: Thin trees to allow visibility of the ground and room to flood fight.							
Inspector Comment							

No Photos

LM Start	9.39	Rating **	М	Issue No.	114		
LM End	9.39	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Vegetation			38.4133	77°	38.413377°	
пеш				-121.5245	00°	-121.524500 °	
DWR ID DWR_RD0999_05_s _ 2012_114							
Comment Code							
V4 : Elderberries are blocking visibility and flood fight capability.							
Inspector Comment							

No Photos

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain